

# SERVICE TOOLS

**SAVE \$5 ON POWER STEERING BLEEDER KIT - 27311 ONLY \$24.99**

## Harmonic Balancer

### Harmonic Balancer Remover

- SKU 596957  
GGT180
- Time Saving Harmonic Balancer Puller
  - Clip-in Compact Design (No Bolts Required)
  - Suitable for: GM, 5.3L, 5.7LS1, 6.0LS2, 6.2LS3, 7.0L
  - Also Fits: Chrysler/Dodge/JEEP 3.5L & 3.6L V6s and 4.7L, 5.7L, & 6.1L V8s
  - Radiator Removal Not Required



### Harmonic Balancer Puller Kit

- SKU 818738  
25090
- Includes: Puller Body, 3 Jaw Puller, (3) Jaw Retaining Pins, (3) Wave Washers, Pressure Screw
  - Insert Rods: 4", 5-13/32", 6-1/2" and 7-13/32"
  - Used on Many GM, Mitsubishi and Chrysler Engines



### Long Reach Harmonic Balancer Pulley Installer

- SKU 544785  
24442
- Install Crank Pulley on Many Late Model Ford, GM, Dodge and Chrysler Vehicles with V8 and V6 Engines
  - Includes: M16x2.0 – GM; M14x1.5 – Dodge, Chrysler, Jeep; M12x1.75 – Dodge, Chrysler, Jeep; M112x1.5 – Ford; Nut / Bearing Assembly



## Alternator

### Alternator Decoupler Pulley Tool Kit

- SKU 300124  
27261
- SAVE \$5**  
REG. \$24.99
- 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 a Blow Mold Case



Offer Good Through September 30, 2018 While Supplies Last

### Harmonic Balancer Puller Retrofit Kit for GM

- SKU 695100  
33627296
- Use with OEM 33627019, 27019 and 25053 Harmonic Balancer Pullers and Many Other Popular Balancer Pullers
  - The 3 Bolts Fit Through the Slotted Holes in the Balancer and Screw into the Threads of the Balancer on GM 3300 and 3800 V6 Engines
  - Shoulders on the Bolts Prevent Damage to the Crank Sensor That Can Occur When Using Standard Bolts
  - Includes Spacer to Prevent Damage to Crankshaft and Threads



### Harmonic Balancer/Steering Wheel Puller

- SKU 532440  
25053
- 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



### Harmonic Balancer Puller

- SKU 695619  
33627019
- Set Includes: Yoke, Pressure Screw, and Pulling Screws
  - Floating Swivel Prevents Damage to Shaft Ends
  - Comes in a Sturdy Blow Mold Storage Case
  - Yoke Features 4 Slots
  - Heat-Treated for Strength and Durability



### 19 mm Harmonic Balancer Socket for Honda

- SKU 011632  
LIS77080
- More Than 3X Standard Socket Mass
  - For Use with 19 mm Applications
  - Made with Heat-Treated Alloy Steel



### Alternator Decoupler Tool Set

- SKU 255865  
LIS57650
- Five Piece Kit for Removing and Installing Many Alternator Decoupler Pulleys on the Most Popular Vehicles in North America
  - Comes in a Blow Mold Case



## Specialty Pullers

### Steering Wheel and Lock Plate Puller Kit

- SKU 900821  
27182
- Use to Pull Steering Wheels on Many Major Makes of Automobiles
  - Includes Yoke, Pressure Screw and Five Sets of Pulling Screws with Washers and Swivel



### VW®/Audi® Diesel Injector Puller Kit

- SKU 548566  
27282
- Remove Diesel Injectors from 1996 to Current VW and Audi Vehicles
  - Applications: VW, Audi TDI Engine



### Power Steering Pulley Puller/Installer Kit

- SKU 141495  
25298
- Fits Pulleys with Hub Diameters Measuring 1-1/8", 1-1/4", 1-5/16" and 1-3/8"



### Alternator Decoupler Pulley Service Kit

- SKU 695085  
33627275
- Allows Alternator Shaft to Be Held While the Pulley Retainer is Removed
  - Includes a Special Set of Spline and Star Socket Bits for Removal of Bosch Type Alternator Free-Wheel Drive Pulleys



### Steering Pivot Pin Remover

- SKU 265106  
25135
- Works on 1969 to Current GM, Chrysler and Ford Vehicles with Saginaw Steering Columns



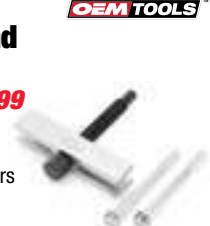
### Steering Wheel Puller Leg Kit

- SKU 793567  
33627312
- Useful During Steering Wheel Removal When There are No Tapped Holes in the Assembly
  - For Pontiac Lemans; Newer GM Cars, Subs, Light Trucks; Newer Ford Subs and Light Trucks; Newer Jeep Grand Cherokee; Newer Jeep Liberty; Newer Dodge Sprinter Van
  - Use with OEM Steering Wheel Puller #27017 and Other Popular Steering Wheel Pullers to Expand Coverage



### Timing Gear and Pulley Set

- SKU 695623  
33627009
- Services Crankshaft Pulleys and Timing Gears on Gasoline and Diesel Powered Engines



## Slide Hammer Pullers

### 9 Way Slide Hammer Puller Set

- SKU 900825  
27191
- 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
  - Includes a Grip Wrench Adapter and a Dent Puller Attachment
  - Designed for Use with Other 5/8" - 18 Thread Slide Hammer Attachments



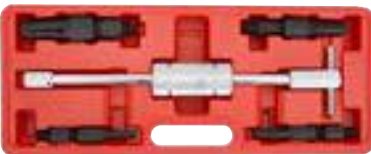
### 9-Way Slide Hammer Puller Set

- SKU 087303  
OTC4579
- Pulls Flange-Type Rear Axle and Most Front Wheel Drive Hubs
  - Internal and External Jaws for Pulling Bearings, Gears and Seals
  - 5 Lb. Slide Hammer
  - Two and Three-Way Cross Blocks and Cone Provide Perfect Jaw Configuration for Most Jobs
  - Includes a Grip Wrench Adapter and Dent Puller Attachment
  - Designed for Use with Other OTC 5/8" - 18 Thread Slide Hammer Attachments
  - Includes Storage Case



### Blind Hole Puller Set

- SKU 695118  
33627128
- Pull Blind Hole Bearings, Bushings and Sleeves with Inside Diameters 3/8" - 1-3/8"



## Pullers

### C-Frame Socket Press Set

- SKU 012659  
24537
- For the Installation and Removal of Driveline and Non-Driveline Parts
  - Compatible Socket Drives: 1/4", 3/8" and 1/2"
  - Set Includes Flat Anvil Attachments for General Pressing Jobs



### Bearing and Pulley Puller Set

- SKU 900824  
27190
- **Makes Up to Eighteen Different Pullers!**
  - Use on Pitman Arms, Timing Gears, Carrier Side Bearings, Crankshaft Pulleys and More



### Pilot Bearing Puller

- SKU 775523  
25089
- Used to Pull Pilot Bearing from End of Crankshaft
  - Restriction Plate Prevents the Jaws from Spinning When Force is Applied
  - Min/Max Reach: 3/16" to 1-1/4"



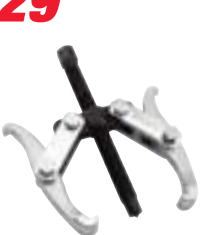
### 2/3 Jaw 2 Ton Gear Puller

- SKU 070134  
25901
- Maximum Reach: 3-1/2"
  - Maximum Spread: 4-3/4"
  - Center Forcing Screw: 3/8" - 24" x 4-7/8"



### 2 Jaw 5 Ton Gear Puller

- SKU 141513  
25914
- Reversible
  - Maximum Reach: 3-1/4"
  - Maximum Spread: 6"



## Power Steering

### Universal Air Bleed Adapter

- SKU 751699  
MITMVA660
- Helps Remove Trapped Air in the Power Steering System
  - Rubber, Cone-Shaped Design
  - Seals Pump Necks Ranging from 5/8" Up to 1-5/8" (16 to 41 mm) Internal Diameter
  - Works with a Hand Vacuum Pump



### Air Bleed Adapter for Ford

- SKU 751704  
MITMVA662
- Helps Remove Trapped Air in the Power Steering System
  - Seals Ford Power Steering Pump Necks Having an Internal Diameter of 1-1/4" or 2" (32 or 50 mm)
  - Works with a Hand Vacuum Pump



### Air Bleed Adapter for GM

- SKU 751698  
MITMVA661
- Helps Remove Trapped Air in the Power Steering System
  - Designed for Sealing GM Power Steering Pumps with a Two-Tab Cap Design
  - Works with a Hand Vacuum Pump



### Power Steering Vacuum Pump

- SKU 463254  
THX212
- Bleeds Trapped Air from Power Steering System
  - Tapered Adapter Allows Use on Most Makes and Models



### Power Steering Bleeder Kit

- SKU 434716  
27311
- REG. \$29.99
- Eliminate Trapped Air in Power Steering and Brake Systems Following Repairs or Fluid Changes
  - Includes 2 EPDM Tapered Rubber Adapters to Fit Most Power Steering Pumps and Reservoirs, Reservoir Bottle to Protect Hand Vacuum Pumps and 3 Sizes of Brake Bleeder Adapters
  - Works with a Hand Vacuum Pump
  - Includes Blow Mold Case



**SAVE \$5**

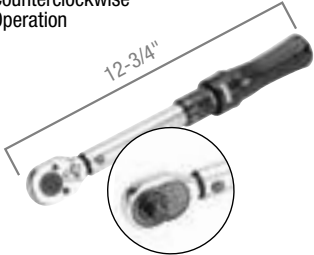
Offer Good Through September 30, 2018 - While Supplies Last



Torque Wrenches

3/8" Drive  
Torque Wrench  
25-250 In/Lbs. Range

- SKU 133657  
25685
- 45 Tooth Round Head Ratchet
  - Audible Click When Desired Torque is Reached
  - Both Clockwise and Counterclockwise Operation



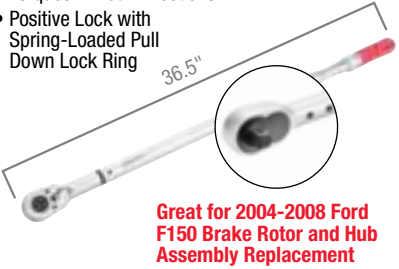
3/8" Drive  
Torque Wrench  
10-80 Ft/Lbs. Range

- SKU 177722  
25694
- 24 Tooth Ratchet
  - Click Style Torque Wrench
  - Accuracy: +/-4%
  - Micrometer Scale: 0.5 Ft/Lb. (0.68 N•m)
  - Knurled Handle for a Secure Grip



3/4" Drive  
Professional Micrometer  
Torque Wrench  
80-400 Ft/Lbs. Range

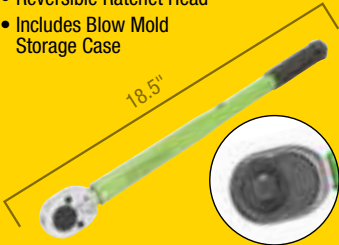
- SKU 850046  
33627309
- Range: 86-400 Ft/Lbs.
  - Torques in Both Directions
  - Positive Lock with Spring-Loaded Pull Down Lock Ring



Great for 2004-2008 Ford F150 Brake Rotor and Hub Assembly Replacement

1/2" Drive  
Torque Wrench  
10-150 Ft/Lbs. Range

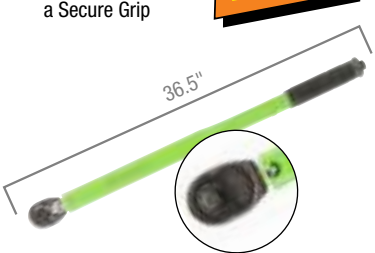
- SKU 012651  
25689
- Click-Style Torque Wrench Produces Audible Click at the Preset Torque
  - High-Visibility Scale Features Ft/Lbs. and Nm Measurements
  - Steel Construction with Durable Green Coating
  - Reversible Ratchet Head
  - Includes Blow Mold Storage Case



Offer Good Through September 30, 2018 While Supplies Last

1/2" Drive  
Torque Wrench  
20-250 Ft/Lbs. Range

- SKU 177715  
25695
- 24 Tooth Ratchet
  - Click Style Torque Wrench
  - Accuracy: +/-4%
  - Micrometer Scale: 1 Ft/Lb. (1.35 N•m)
  - Knurled Handle for a Secure Grip



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

- SKU 217376  
25688
- Micrometer Click Style
  - Right Hand Direction



Torque Adaptors

3/8" Drive Digital  
Torque Adapter

- SKU 362559  
25684
- Range 27 - 135 Nm (238.9-1,194.8 In/Lbs.)



SAVE \$5

Turn Any Ratchet or Breaker Bar into a Digital Torque Wrench!

Offer Good Through September 30, 2018 - While Supplies Last

1/2" Drive Digital  
Torque Adapter

- SKU 900805  
25682
- Range 40 - 200 Nm (29.5-147.5 Ft/Lbs.)
  - Buzzes When Target Torque is Reached



Torque Multipliers

3/4" Drive  
Torque Multiplier

- SKU 191056  
25683
- Converts Low Torque (Max. 650 Ft/Lbs.) to High Torque (2,200 Ft/Lbs. / 3,000 Nm) with Planetary Gear Set for Heavy Duty Tightening and Loosening
  - Input Drive: 3/4", Output Drive 1"
  - Comes with a 3/4" Drive 2 Way Quick Release Ratchet



Torque Screwdriver

1/4" Drive Torque Screwdriver

- SKU 695088  
33627172
- 25-250 Ft/Lbs. Range
  - Range: 10 - 50 In/Lbs.
  - Great for Low Torque Applications
  - Easy-to-Read Window Scale



U-Joint Tools

U-Joint Pullers

Automotive U-Joint Puller

- SKU 949561  
24539
- Easily Removes Seized U-Joint Cups on Most Passenger Vehicles and Light-Duty Trucks
  - Does Not Damage the Driveshaft, Yokes, Joints or Bearing Cups
  - Bearing Cup Outside Diameter: 1" to 1.25"

Intermediate U-Joint Puller

- SKU 949565  
24548
- Bearing Cup Outside Diameter: 1.25" to 1.7"

Heavy Duty U-Joint Puller

- SKU 041474  
24538
- Bearing Cup Outside Diameter: 1.5" to 2.2"



Automotive Bearing Cup Installer

- SKU 949571  
24549
- For the Installation of Bearing Cups on Light- and Medium-Duty U-Joints
  - Efficiently Install (2) Bearing Cups in One Process
  - Contact Points Feature Magnets to Retain Bearing Cups During Operation



Measuring Tools

Feeler Gauge

- SKU 001927  
25025
- 26 Blades Laser Etched with SAE and Metric Sizes



STORE STOCKED

6" Digital Caliper

- SKU 013642  
24680
- Easy-to-Read LED Display
  - 0-6 In. Range (0-150 mm)



STORE STOCKED

X-Tread® Digital  
Tire Gauge

- SKU 186495  
FOW74225500
- For Tire Tread Thickness Measurement
  - Reads in Inch, Metric and Fractions



Magnetic Angle Finder

- SKU 042343  
CEN6494A
- Magnetic Base
  - 1/2 Degree Graduations



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1908

24" Straight Edge

- SKU 949552  
25355
- Constructed 1/4" Thick Cold Rolled Steel
  - Durable Powder Coat Finish with Precision Ground Edge
  - Hang Hole for Convenient Storage
  - Includes Reusable Protective Edge



Disc Brake Rotor Micrometer

- SKU 607071  
25367
- .001" Accuracy, .0005" Reading
  - Large LCD Display with SAE or Metric Reading
  - Manual Power Off/On



Dial Indicator Set

- SKU 186500  
FOW72522101
- Includes 1" Indicator, Magnetic Base, Plus Rods, Swivel Clamp and Case
  - 2-1/4" Dial, .001" Increments



RotoCal® with Twin Conical Anvils

- SKU 186492  
FOW74150004
- Range 0 to 5.5"
  - Reads in Inch, Metric and Fractions
  - 3.5" Jaw Depth for Large Rotors



Mini MAG Protractor

- SKU 186501  
FOW744224501
- Embedded Magnets with 35 Lbs. Pull
  - Uses Standard 9V Battery
  - 360 Degree Measuring Range
  - Accuracy ±0.2 Degrees



Rotor/Drum Measuring Kit

- SKU 186504  
CEN3K301
- Attaches to Any Caliper on the Lower Jaws
  - Outward Facing Anvils to Inspect Drums
  - Inward Pointing Anvils to Measure Rotors
  - 8" to 13" Range
  - 0 to 6" Digital Caliper Included



Disc Brake/Ball Joint Gauge

- SKU 186496  
FOW72520757
- Checks Ball Joint Wear and Disc Rotor Run-Out
  - Checks Gear Backlash and Valve Guide Wear
  - 0 to 1" Travel and .001" Graduations



3 Piece Micrometer Set

- SKU 186503  
CEN3M113
- 0 to 3" Range
  - 3m101: 0 - 1";
  - 3m102: 1 to 2";
  - 3m103: 2 to 3"
  - Set Includes Calibration Tools



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1908



# SERVICE TOOLS

## Exhaust Tools

### Exhaust Manifold Spreader Set

SKU 504028  
25253TW0 **22<sup>99</sup>**

- Used for Reinstalling the Manifold on Small-Block Chevrolets
- Simple Way to Expand Warped Manifold to Align Bolt Holes
- Helps Prevent Cross-Threading of Manifold Bolts
- Works Best When Used in Pairs or Install Before Removing Manifold to Prevent Misalignment



### Pipe Stretcher Kit

SKU 080137  
LIS17350 **269<sup>99</sup>**

- 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



### Tailpipe Cutter

SKU 695599  
33627045 **50<sup>99</sup>**

- Use to Cut Tailpipe
- Range 3/4" to 3-1/4" (19 - 83 mm)



### 1-1/2" x 2-7/16" Tailpipe Expander

SKU 695615  
33627027 **25<sup>99</sup>**

### 2-1/8" x 3-7/16" Tailpipe Expander

SKU 695614  
33627028 **35<sup>99</sup>**

- Expands Tail Pipes So Mufflers and Tail Pipes Can Be Fitted to the Exhaust System



## Spark Plug Installation

### Heavy Duty Spark Plug Boot Pliers

SKU 390900  
25542 **9<sup>99</sup>**

- Designed to Remove Hard-to-Reach Spark Plug Boots
- Has 45 Degree Offset Jaws for Easy Gripping of Wires and Boots
- Vinyl Coated Grips for Comfort
- Do Not Use When the Engine is Running



### 3/8" Drive 9/16" Spark Plug Socket

SKU 265110  
25259 **22<sup>99</sup>**

- 10" Long with Thin Wall Design to Reach into the Cylinder Head
- Fits 2004-Newer Ford F-150 Pick-Up Trucks with 5.4L 3-Valve Triton V-8 Engines
- Chamfered Ends
- Chrome Plated to Resist Rust



## Tubing

### Mini Tubing Cutter

SKU 532507  
25058 **8<sup>99</sup>**

- Capacity: 1/8" to 7/8"
- Cutter is Capable of Turning on a 1-7/8" Radius
- Lightweight for Easy Handling



### Double Flaring Tool

SKU 864647  
25358 **21<sup>99</sup>**

- Includes Five Adapters: 3/16", 1/4", 5/16", 3/8" and 1/2" (4.8 mm Through 12.7 mm)



### Ratcheting Tubing Cutter

SKU 466309  
24520 **24<sup>99</sup>**

- Ratcheting Action is Ideal Where Space is Limited
- Cuts 1/4" to 7/8" Tubing



### Tubing Cutter

SKU 141489  
25299 **7<sup>99</sup>**

- Cuts Tubes Capacity: 1/8" to 1-1/8"
- Die Cast Frame with Reamer
- Alloy Steel Cutting Wheel
- Large, Easy Grip Knob with 1/8" to 1-1/8" Two Facing Flare Groove Rollers



### In-Line Flaring Tool Kit

SKU 238197  
24364 **24<sup>99</sup>**

- **Create a Perfect Flare Every Time!**
- Use on Thin-Walled Steel and Copper Tubing
- Low Profile Design Allows for Use On or Off the Vehicle
- 3/16" and 4.75 mm Tubing
- Double Clamp and Hex Screw Keeps Tubing Locked Tightly in Position



### Die and Adapter Flare for GM Transmission Cooling Line

SKU 300785  
MSC71099-TC **49<sup>99</sup>**

- Die and Adapter Flare for GM Transmission Cooling Line



### Multi-Purpose Tubing Bender

SKU 390889  
25179 **14<sup>99</sup>**

- Works on 1/4", 5/16" and 3/8" (4, 6, and 8 mm) O.D. Copper, Aluminum and Stainless Steel Tubing
- Used to Make Left, Right and Offset Bends Up to 90 Degrees



### Double Flaring Tool

SKU 695622  
33627015 **30<sup>99</sup>**

- Produces Single and Double Flares in Soft Steel



### Universal Hydraulic Flaring Tool Set

SKU 032798  
MSC72485 **399<sup>99</sup>**

- Fabricates 1/4", 5/16" and 3/8" Push Connect
- Flare/Double Flare: 3/16", 1/4", 5/16", 3/8" and 1/2"
- Metric Bubble Flare: 4.75, 6, 8 and 10 mm
- Includes GM Fuel Line and Transmission Cooling Line Flares



## Fuel

### Fuel Pump Module Spanner Wrench

SKU 110278  
25156 **24<sup>99</sup>**

- Removes and Installs the Fuel Pump Retaining Ring



### Fuel Tank Lock Ring Tool

SKU 751721  
24398 **49<sup>99</sup>**

- For 2004 - Newer Ford F150 Trucks; 2004 or Newer Chrysler/Dodge Mini-Vans, PT Cruiser, Dakota, Durango; 2004-Newer Chevy 1/2 Ton and 3/4 Ton Trucks
- Works with 1/2" Drive Ratchet or Breaker Bar



## Sensor Sockets

### Oil Pressure Switch Socket

SKU 141490  
25254 **11<sup>99</sup>**

- Fits Most 1" and 1-1/16" Switches
- Accepts Oil Pressure Sending Units Up to 2-5/8" Long



STORE STOCKED

### Water Sensor Wrench Fits Aftermarket Sensors

SKU 459101  
LIS34910 **16<sup>99</sup>**

- Removes and Installs the Aftermarket Water Sensor Located on the Fuel Filter on 2001 - 2011 6.6L Duramax Diesel Engines



### IPR Socket

SKU 912334  
25280 **14<sup>99</sup>**

- Remove / Replace IPR Without Damaging the Connector
- Applications: Ford 6.0 L and Other Diesel Engines
- 3/8" Drive



### Oxygen Sensor Wrench

SKU 947305  
33625246 **29<sup>99</sup>**

- Use with Oxygen Sensors on Ford 4.6 and 5.4 Engines
- 7/8" / 22 mm Used in SUVs and Light Trucks



STORE STOCKED

### 3/8" Drive Oxygen Sensor Socket

SKU 047738  
25001 **12<sup>99</sup>**

- For Use with 3/8" Drive Ratchet or 1" Wrench
- Removes and Installs Oxygen Sensors on All Domestic and Imported Computerized Engine Controlled Vehicles
- Cutaway Slot Provided in the Side for Sensor Wire Clearance
- Durable Alloy Steel Construction



STORE STOCKED

### Water Sensor Wrench

SKU 459099  
LIS34900 **16<sup>99</sup>**

- Removes and Installs the Water Sensor Located on the Fuel Filter on 2012 and Newer 6.6L Duramax Diesel Engines



### Oxygen Sensor Socket Set

SKU 695125  
33627110 **25<sup>99</sup>**

- Universal Slotted Socket to Service Hex Vacuum Switches and Oxygen Sensors
- 3/8" and 1/2" Drive, 22 mm / 7/8"



### 7 Piece Sensor Socket Set

SKU 900823  
27189 **59<sup>99</sup>**

- For Removal and Installation of Hard to Reach Oxygen Sensors, Oil Pressure Switches, Oil Pressure Sending Units and Thermal Sensor Switches



## Thread Chasers

### Spark Plug Hole Thread Chaser

SKU 070109  
25124 **6<sup>99</sup>**

- Double End for 14 mm and 18 mm
- For Use with 13/16" Deep Sockets
- Cleans Spark Plug Threads of Dirt and Carbon Build-Up



STORE STOCKED

### Limited Access Spark Plug Chaser

SKU 607068  
25155 **12<sup>99</sup>**

- Narrow Profile and Long Length Allows Access to Spark Plug Holes in Confined Spaces
- Use with a 3/8" Ratchet or Extension
- Size: M14 x 1.25



STORE STOCKED

### Oxygen Sensor Thread Chaser

SKU 607067  
25255 **13<sup>99</sup>**

- Use with 3/8" Hex Socket or 3/8" Square Drive
- Size: M18 x 1.5



STORE STOCKED

## Refractometers

### UREA DEF Refractometer

SKU 471112  
OTC5025 **99<sup>99</sup>**

- Def-Unique Calibrated Scale with 32.5%
- Enables Operators to Clearly Determine if the Def in Their Vehicle Consists of a 32.5% Urea / Water Solution
- 15-40% Variance on Scale
- 0.5% Line Graduations
- Complete Kit Provides Operators Everything They Need to Calibrate and Use Def Refractometer





Disconnect Tools

Fuel Line Disconnect Tool

SKU 246367  
25043  
7<sup>99</sup>

- Fits Any 5/16" or 3/8" Fuel Line Found on GM, Ford and Chrysler Vehicles



STORE STOCKED

A/C and Fuel Line Disconnect Tool Set

SKU 246366  
25042  
7<sup>99</sup>

- Range: A (3/4"), B (5/8"), C (1/2") and D (3/8")



STORE STOCKED

A/C and Fuel Line Quick Connect Tools

SKU 002356  
25052  
9<sup>99</sup>

- Easily Disconnects Air Conditioning Lines and Quick Connect Fuel Lines



STORE STOCKED

Ford Clutch Disconnect Tool

SKU 695116  
33627130  
11<sup>99</sup>

- Works on 1988 to Present Ford Vehicles and Light-Trucks with Hydraulic Clutches



Quick Connect Tools

SKU 363869  
25184  
12<sup>99</sup>

- Sizes: 3/8", 1/2", 5/8" and 3/4"
- Enables Quick and Easy Disconnect of Air Conditioning Couplings



STORE STOCKED

Over-Tank Fuel Pump Disconnect Set

SKU 695115  
33627131  
16<sup>99</sup>

- Provides Easy Access to Hard to Reach Fuel Line Quick Connectors Found Under the ABS Unit on '92 and Newer GM "W" Body Cars
- Red Tool Fits 5/16" Return Lines; Blue Tool Fits 3/8" Fuel Inlet Lines
- Also Works on 1988 and Newer Ford F-Series Pickups to Disconnect the Fuel Lines from the Fuel Sending Unit



4 Piece Disconnect Set

SKU 864648  
25150  
19<sup>99</sup>

- Sizes: 1/4", 5/16", 3/8" and 1/2"



STORE STOCKED

6 Piece Disconnect Set

SKU 013603  
24681  
19<sup>99</sup>

- Separates Fittings on Fuel Lines, Fuel Filters, and Fuel Tank Return Lines
- Oil Cooler Line Disconnect Tool Separates Automatic Transmission Oil Cooler Lines on Ford Taurus and Escort with AXPD and ATX Transmissions
- Unique Offset Design Allows for Access in Confined or Obstructed Areas
- Sizes: 5/16", 3/8", 1/2", 5/8", 3/4", and 7/8"



STORE STOCKED

Heater Hose Disconnect Tool

SKU 695607  
33627106  
19<sup>99</sup>

- Removes Heater Hoses with 1/4" or 5/8" Quick Disconnect Couplings on '86 to Current Ford Aerostar Vans and '01s to Current Full Size Ford Vans
- Works on Rear Heater Hose Couplings on '87 to Current Chrysler and Plymouth



3 Piece 1/2" Oil Line Disconnect Set

SKU 094653  
25187  
26<sup>99</sup>

- Used to Remove and Replace Oil and Transmission Cooler Lines on GM, Ford, Nissan and Toyota



15 Piece Master Disconnect Set

SKU 900807  
27195  
39<sup>99</sup>

- Includes Fuel and Transmission Line Disconnect Set, Oil Cooler Line Remover, Air Conditioning and Fuel Line Disconnect Tool



22 Piece Disconnect Master Set

SKU 900817  
27177  
79<sup>99</sup>

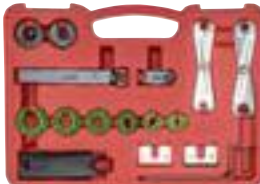
- Includes Quick Connects Set, Air Conditioning and Fuel Line Disconnect Tools



Master Disconnect Set

SKU 821445  
33627318  
90<sup>00</sup>

- Easily Disconnects A/C Lines, Fuel Lines and Transmission Cooler Lines
- Includes: Hydraulic Clutch Line Disconnect for GM, 5/16" and 3/8" Fuel Line Retaining Clips for GM, Air Conditioning/ Fuel Line Disconnects: 5/16", 3/8", 1/2", 5/8", 3/4", and 7/8"
- Scissor Disconnects: 5/16", 3/8" and 1/2", 3/8"
- Ford: Fuel Line, Oil Cooler Line and Clutch Coupling Remover
- Coupler Disconnects



4 Piece Disconnect Set

SKU 948999  
25183  
24<sup>99</sup>

- Includes: 1/2", 5/8", 3/4" and 7/8"



STORE STOCKED

Fuel Module Disconnect

SKU 291418  
LIS37500  
14<sup>99</sup>

- Fits Both 3/8" and 5/16" Connectors and Applications
- Tool Can Be Clipped Together for Convenient Storage



AC/Fuel Line Tool Set

SKU 222520  
LIS37000  
17<sup>99</sup>

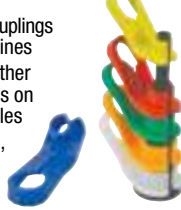
- Set Includes (6) Sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"



Angled Disconnect Set

SKU 291416  
LIS39400  
22<sup>99</sup>

- Disconnects Spring Lock Couplings on Ford and Chrysler A/C Lines
- Works on Fuel Lines and Other Quick Disconnect Couplings on Domestic and Import Vehicles
- (6) Sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"



Fuel and AC Disconnect Pliers

SKU 343391  
LIS37300  
27<sup>99</sup>

- Unique Design Provides Extra Leverage When Disconnecting Quick Connect Coupling Air Conditioning and Fuel Lines



Fuel/Transmission Line Disconnect Tool Set

SKU 526503  
WLMW89330  
19<sup>99</sup>

- Fuel Line Disconnect Tools in Sizes: 1/4", 5/16", and 3/8"
- Oil Cooler Line Disconnect Tool
- Fuel Line Coupling Tool
- Ford and Mercury Oil Cooler Line Disconnect Tool
- Ford and GM Quick Disconnect Tool



While Supplies Last

NAVISTAR® MAXXFORCE® Fuel Line Disconnect Tool Set - 4 Piece

SKU 004112  
25031  
29<sup>99</sup> Reg. \$34.99

- 4 Piece Disconnect Tool Set for Navistar® MaxxForce® Series 11 and 13 Engines
- Sized to Depress Fuel Release Tabs for Efficient Fuel Line Removal
- (1) Straight and (1) 90° Tool for 11.8 mm Fuel Lines; (1) Straight and (1) 90° Tool for 16 mm Fuel Lines



Offer Good Through September 30, 2018 - While Supplies Last

Master Disconnect Tool Set

SKU 291413  
LIS39900  
59<sup>99</sup>

- Contains (8) Tools for A/C and Fuel Lines
- Comes in a Blow Mold Case



Low Profile Jiffy-Tite® Disconnect

SKU 011609  
LIS22990  
69<sup>99</sup>

- Disengages Jiffy-Tite Quick-Connect Fittings
- No Need to Remove Retaining Clips
- Includes Four Sizes: 3/8", 1/2", 5/8"-30% and 5/8"-39%



Coolant Hose Removal Tool Set

SKU 383214  
CAL244TNZ  
29<sup>99</sup>

- Used to Completely Fill the Void in the Connector to Release the Fastener
- 40° Offset Designed for Jobs Up Against the Firewall or in Tight Spaces



Airsept Smart Splice Multi System Line Repair Tray

SKU 687973  
AIR76076  
479<sup>99</sup>

- Includes: 1 Each 5/16", 3/8", 1/2", 5/8", 3/4" Line Splice Straight SAE Repair Kits; 1 each 8 mm, 10 mm, 12 mm, 15 mm, 16 mm Line Splice Straight Metric Repair Kits; 1 each 5/16", 3/8", 1/2", 5/8" Line Splice 45° SAE Repair Kits; 1 each 5/16", 3/8", 1/2", 5/8" Line Splice 90° SAE Repair Kits
- Covers All Standard Automotive Line OD Sizes



Airsept Smart Splice Ultimate Line Repair Kit

SKU 687976  
AIR76057  
1,849<sup>99</sup>

- Everything Needed to Repair A/C, Power Steering Return, Transmission, Trans Oil Cooler, Engine Oil, Engine Oil Cooler, Coolant and Heater Lines
- OEM Approved Line Repair Solution Installs in Five Minutes, on the Vehicle, without Special Tools or Adhesives
- Leak Free Up to 2,600 PSI



Thread Repair

2 Piece External Thread Repair Set 5/32" - 1-1/2"

SKU 343361  
NES1000\*  
199<sup>99</sup>

- Includes the NES1A and NES2
- Restores Inch or Metric, Right or Left Handed Fastener Threads

\*NES Set Comes with Extra Blades



External Thread Repair 5/32" - 1/2"

SKU 343360  
NES6040  
39<sup>99</sup>

- Restores Inch or Metric, Right or Left Handed Fastener Threads



External Thread Repair 5/32" - 11/16"

SKU 343365  
NES1A  
74<sup>99</sup>

- Also Repairs Damaged Threads on Pipes Up to 7/16"



External Thread Repair 11/16" - 1-1/2"

SKU 343366  
NES2  
99<sup>99</sup>

- Restores Inch or Metric, Right or Left Handed Fastener Threads

Nes® The Thread Repair Experts

Internal Thread Repair 5/16" - 7/16"

SKU 343367  
NES21  
84<sup>99</sup>

1/2" - 5/8"

SKU 343369  
NES22  
84<sup>99</sup>

Scan the QR Code for More Info on NES Thread Repair Products

