ENGINE MECHANICAL

Automatic Transmission

OTC7073A
Truck Clutch Alignment Shaft 1-3/4" O.D., 1-1/4" Pilot
- Designed for use on heavy duty single, two-plate, push/pull, manual, and self-adjust clutches
- Shaft is constructed of lightweight fiberglass-reinforced nylon that won't hang up in clutch disc splines
- Rugged and will easily support the weight of heavy pressure plates
- 1-3/4" O.D.; 1-1/4" pilot, spline 3.75" long

OTC7074A
Truck Clutch Alignment Shaft 2" O.D.; 1-1/4" Pilot
- Designed for use on heavy duty single, two-plate, push/pull, manual, and self-adjust clutches
- Shaft is constructed of lightweight fiberglass-reinforced nylon that won't hang up in clutch disc splines
- Rugged and will easily support the weight of heavy pressure plates
- 2" O.D.; 1-1/4" pilot, 10 splines 3.75" long.

OTC7480
Truck Clutch Alignment Shaft
- 1-3/4" O.D., 1" Pilot
- Constructed of a lightweight fiberglass-reinforced nylon body that won't hang up in the clutch disc splines
- Designed for perfect fit to the spline of the clutch disc-easily supports heavy pressure plates

OTC6593
2 Piece Ford Transmission Cooler Line Disconnect Set
- Snap around cooler line, push into the fitting, fitting releases, the cooler line can then be removed
- 3/8" disconnect is used on 2003-newer Ford Explorers with 5R55W transmission
- 1/2" disconnect is used on 2003 - newer Ford Super Duty trucks with the 4R100 transmission

OTC6604
Transmission Fluid Fill Adapter
- Same as Ford No. 307-437

This is a required tool to fill or add fluid to the 5R55W automatic transmission used on 2003 - newer Ford Explorers. Operating instructions: remove fill plug from transmission: install No.OTC6604: fill transmission to correct fluid level: remove No. OTC6604: and reinstall fill plug in transmission.

OTC7024
Automatic Transmission Clutch Spring Compressor
- This is a handy, adjustable tool for removing or installing the snap ring on a transmission rear clutch piston
- It applies pressure to the clutch drum's retaining washer to compress piston return springs
- For use on most American cars and light trucks

OTC7075
Transmission Output Shaft End Yoke Remover
- Puller supplies you with 10 tons of mechanical power
- An absolute must for working on big transmissions

OTC8070
Puller Step Plate Adapter
- 2-7/8 and 2-3/8"diameter

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

OTC7028
Clutch Adjusting Wrench for Spicer Clutches
- For internal adjustment of multiple lever and angle-spring clutches

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

OTC6716
Shift Rail Seal Installer
- Installs the shift seal on the Tremec TR 3160 manual transmission to the proper depth to ensure optimal seal life
- Includes a removable pilot to allow for use both on-vehicle and during unit repair, with the shift shaft in place or removed
- Applications: 2013 and later Cadillac ATS manual transmission, 2016 and later Chevrolet Camaro, 2016 and later Ford Mustang Shelby GT350

ENGINE MECHANICAL

Automatic Transmission

THEXTON

THX319
Transmission Cooler Line Plugs
- Eliminates loss of transmission fluid and messy, slippery floors
- Fit 1/4", 5/16", and 3/8" tubes, transmission cooler line plugs seal male or female fittings
- 16" chain keeps plugs together and serves as a tube support
- Allows vehicle to be driven from service bay with radiator off

THX312
Plug-All® Vacuum and Fuel Line Stoppers
- Plugs fit 1/8", 3/16", 1/4", 5/16", 3/8" and 1/2" hoses
- Tapered caps close tubes from 1/8" to 1/2"

LANG TOOLS
Professional Tools For 4 Generations

STATU16PB
Quick Change Automatic Transmission to Engine Oil Pressure Tester
- Two gauges included: 2-1/2" gauge has 0-100 PSI/0-7 bar dial, 3-1/2" gauge has 0-400 PSI/0-28 kg/cm2 dial
- Quick coupler connections for easy and fast change of gauges
- With 6' of Nitrile (oil proof) hose to make testing easier, plus U.S. and metric fittings

Universal Service

AST ASSENMACHER SPECIALTY TOOLS ASTTOOL.COM

ASSBMW5346
BMW Transmission Cooler Line and Power Steering Line Disconnect Tool
- Made of red-anodized aluminum
- The new design of the BMW 5346 also covers the transmission cooler line
- Applicable to 1999-2005 BMW 3-Series and X5

CTA®

CTA8960
5 Piece E-Torx Flex Driver Set
- Flex shaft for access in tight spaces
- No slip grip handle
- Great for Euro applications, and more!
- Includes sizes E4, E5, E6, E7 & E8

OLDFORGE TOOLS

OLD7019
L-Type Seal Puller
- Remove the most stubborn seals from transmissions, axles and those seals that are difficult to reach, with this heavy duty seal puller
- Black oxide finish • Length is 12-1/2"

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

OTC

OTC5610
Transmission/Engine Oil Pressure Kit
- Large 3-1/2" gauges feature a chrome bezel and rugged protective outer boot
- High pressure gauge reads 0-400 psi and 0-2800 kPa
- Low pressure gauge reads 0-100 psi and 0-700 kPa
- Both gauges include rear hook
- Gauges and hose assembly incorporate quick couplers

LANG TOOLS
Professional Tools For 4 Generations

STATU16A
Transmission and Engine Oil Pressure Tester
- Checks engine oil and auto trans pressure
- Works on cars, trucks, motorcycles
- Includes 21 color coded SAE and metric fittings
- 2-1/2" gauge for readings from 0-100 psi 0-28 bar
- 3-1/2" guage for readings from 0-400 psi 0-28 bar

ENGINE MECHANICAL

Oil Filter Wrenches

GEARWRENCH

Swivel Handle Oil Filter Wrenches
- Wrench is made of high-quality steel with a zinc - plated yoke and a blackened band for resistance to rust and corrosion
- The plastisol-dipped handle will not slide off during use
- The unique yoke and link assembly allows a good grip, but will not crush the filter
- Wrenches' swivel tension is adjusted easily by using the nut and bolt on the handle
- Caution - wear eye protection

KDT3082 - 3-1/2 to 3-7/8"
KDT3083 - 2-7/8 to 3-1/4"
KDT3324 - 2-1/2 to 3"

Pro Swivoil Filter Wrenches
- 180° swivel action
- Cushion grip dual material handle
- Stainless and plated steel material band - lifetime corrosion resistance
- Dimpled bands - extra gripping power
- Specially designed for today's oil filters

KDT3941 - Small (64-76mm)
KDT3942 - Medium (73mm-83mm)
KDT3943 - Large (89mm-99mm)
KDT3944 - Extra Large (96-111mm)

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

CTA®

CTA4325
4 Piece Oil Filter Wrench Set with Stand
- Includes one each: #2538 - Heavy Duty Swivel Type Oil Filter Wrench - 57-73mm
- #2540 - Heavy Duty Swivel Type Oil Filter Wrench - 65-83mm
- #2545 - Heavy Duty Swivel Type Oil Filter Wrench - 75-95mm
- #2548 - Heavy Duty Swivel Type Oil Filter Wrench - 92-111mm
- #4325X50 - Stand

K TOOL INTERNATIONAL

Made in U.S.A.

Heavy Duty
Adjustable Oil Filter Wrenches
- Swivel heat treated handle for easy access
- Designed to remove oil filters in hard to reach areas
- Features a unique yolk and link assembly for positive grip on oil filter

KTI73601 - 2-7/8" to 3-1/4"
KTI73602 - 3-7/16" to 3-3/4"
KTI73603 - 4" to 4-3/8"
KTI73605 - 4-5/16" - 4-3/4"
KTI73606 - 5-1/4" - 5-3/4"

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

KTI73600
4 Piece Interchangeable Oil Filter Wrench Set
- Vinyl handle provides better grip and strength
- Bands made of stainless steel and plated for additional corrosion requirements
- Bands easily interchanged by removing and installing two detent pins
- Wide studded band prevents crushed filters
- Swivel handle to clear obstructions

Includes bands sized from 2-3/8"to 4-3/8" (61mm-111mm).

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

MOUNTAIN

Made in U.S.A.

MTN8504
4-in-1 Swivel Oil Filter Wrench
- User capability to handle filters from 2-3/8" to 4-3/8" with one kit
- Easily interchangeable by removing and installing detente pins
- Buyers obtains four filter wrenches for the price of two

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

ENGINE MECHANICAL

Oil Filter Wrenches

Swivel Oil Filter Wrenches
- Heavy-duty "Swivel Grip" handle makes it easy to turn in tight spots
- Tough, stainless steel band with special "teeth" for extra gripping power won't slip
- Handle is made of tubular steel for added strength

LIS53200 - 4-3/4" to 5-3/16"
LIS53250 - 4-1/8" to 4-1/2"
LIS53500 - 3-1/2" to 3-7/8"
LIS53700 - 2-7/8" to 3-1/4"

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

LIS57020
Swivel Gripper No Slip Filter Wrench - Small
- 2.875" - 3.25" (73 - 82.5mm) range fits a common smaller filter size found on many domestic and foreign vehicles
- Tough, stainless steel band with permanently bonded textured coating for superior gripping power
- Handle swivels more than 180 degrees with adjustable tension
- Tension adjusting nut allows swivel pressure to be regulated
- Patent pending coating process adds many additional gripping points to securely grab the filter

Swivel Truck Oil Filter Wrenches
- "Swivel Grip" handle makes it easy to turn in tight spots!
- Tough, stainless steel bands with special "teeth" for extra gripping power ... won't slip
- Handles made of tubular steel for increased strength
- Works on Cummins and Detroit Diesel engines

LIS54200 - 4-5/16" to 4-3/4"
LIS54300 - 5-1/4" to 5-3/4"

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

LIS53900
Straight Oil Filter Wrench 3-1/2" to 3-7/8"
- Straight handle filter wrench
- 1" stainless steel band with special "teeth" grips tightly
- Vinyl-covered handle provides firm, comfortable grip

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

GEARWRENCH

KDT2320W
Wide Heavy-Duty Oil Filter Wrench 4-1/8" to 4-1/2"
- Extra wide 3" band for better grip and reduced canister damage
- Fits sizes 4-1/8" to 4-1/2" (105 to 115mm)
- For use with larger hard to remove oil filters
- For use with a 1/2 in. square drive tools
- Designed for the high torque requirements of truck filters

KDT2320
Truck Oil Filter Wrench 3-3/4" - 4-1/2" Diameter
- Fits ford 6.9-L Diesel oil, fuel filters and most Mack truck filters
- Caution: Wear eye protection
- Do not use with power tools
- Designed to deliver trouble-free, consistent performance

KDT2322
Truck Oil Filter Wrench 5-1/4" - 5-3/4" Diameter

KDT2321
Heavy-Duty Oil Filter Wrench 4-1/2" to 5-1/4" Diameter
- Removes truck oil filters from 4-1/2" - 5-1/4" (115 to 135mm)
- Caution: Wear eye protection
- Do not use with power tools
- Extra band for better grip and reduced canister damage
- For use with larger hard to remove oil filters

Oil Filter Strap Wrenches

LIS60200
Heavy Duty Strap Filter Wrench
- A heavy-duty heat treated alloy steel yoke
- A super strong web strap
- Used to remove or install filters and other objects up to 6-1/2" in diameter
- Use with 1/2" square drive
- 3-5/8" long yoke fits into tight areas

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

LIS63500
"Big Range" Strap Type Oil Filter Wrench
- Adjusts quickly to fit any spin-on oil filter up to 6" diameter
- Strong nylon belt
- Use with 1/2" drive or 3/4" wrench

ENGINE MECHANICAL

Oil Filter Strap Wrenches

KTI73730
1/2" Square Drive
Nylon Strap Filter Wrench
- Fits all oil, air and fuel spin-on filters up to 6" diameter
- Tool can be turned by a 1/2" square drive ratchet or a 3/4" open end wrench

KTI73731
Heavy Duty Strap Oil Filter Wrench
- Designed for high torque requirements of truck filters, KTI's heavy duty strap oil filter has a forged steel handle, and extra length, sturdy strapping
- A no-strip strap grips filters tightly
- Wrench adapts to spin filters up to 9"

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

KDT3149
Nylon Strap Oil Filter Wrench 0 to 6"
- Use wrench on oil filters up to a 6" (152mm) capacity
- Strong nylon belt will not slip
- Use with 1/2" square drive tools

KDT3529
Heavy Duty Oil Filter Strap Wrench
- Strap is made of high strength oil resistant nylon and handle is made of forged steel
- Chrome plated 3/8" and 1/2" drive engagement
- Handles filters with diameters up to 9" (229mm) especially high torque requirements on truck and tractors

OTC7206
Multi-Purpose Strap Wrench
- The 53" long nylon strap won't mar precision surfaces
- Special head design self-tightens the strap as force is applied
- Lightweight, with 12" long handle

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

Diesel Oil Filter Wrenches

OTC6915
Davco Diesel Filter Wrench
- Fits Davco Fuel filters 382 and 384 found on Catepillar, Cummins, Detroit Diesel, International, Mack, Mercedes-Benz, Volvo and other engines
- Durable, stainless steel construction
- Precise, laser-cut angles
- Made in U.S.A.

LIS61060
Diesel Filter Wrench for Paccar
- All metal wrench to remove and install bowls on newer Paccar Chassis Mounted Fuel Filter Assemblies
- Half-moon design allows easier access to the fuel filter found on Kenworth, Peterbilt, and Cummins diesels
- Laser-cut steel provides strength to loosen even the toughest bowls • Thick padded grip for comfort

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

Diesel Filter Wrenches
- Specially designed wrenches for removing and replacing the main filter collar as well as the vent cap on aftermarket diesel fuel filter systems
- Unique half-moon design provide easier access to the fuel filter
- High strength steel prevents the wrench from flexing while loosening stubborn filter collars
- Four teeth grab the vent cap securely to prevent damage

LIS61090 - For 5" Davco
- 5" wrench works on any diesel engine with fuel flow rates up to 60 gph, Class 4, 5, & 6 trucks, pickup trucks, refrigeration units and some Biodiesel applications

LIS61110 - For 6" Davco
- 6" wrench works on any diesel engines found in Caterpillar CT660, Ct11, CT13, CT15, Cummins, Detroit Diesel, International, Mercedes Bens, Paccar, Daimler Trucks North America, Kenworth, Mac, Navistar, Peterbilt, Thomas built Buses, Volvo

LIS61130 - For 8" Davco
- 8" wrench works Detroit Diesel DD13, DD15 and DD16 engines found in Paccar, Daimler Trucks North America, and Volvo

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

ENGINE MECHANICAL

Oil Filter Pliers

LIS50720
Mega Gripper Filter Pliers 3" to 5-1/2"
- Pliers give you tremendous gripping force with 32 biting teeth that grab onto the filter
- Two-position, slip-joint handle adjusts to fit different size filters
- Dual durometer non-slip grip
- 11" / 14" overall length. The jaws open from 3" to 5.5" wide
- The unique angle of these pliers allow you to reach around hot exhaust manifolds without burning your arms

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

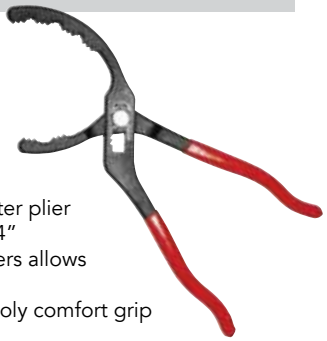
LIS50550
Mega Gripper Filter Pliers 2" to 4-1/2"
- Tremendous gripping force with 32 biting teeth
- Two-position, slip-joint handle adjusts to fit different size filters
- Dual durometer non-slip grip
- 11" / 14" overall length. The jaws open from 2" to 4.5" wide
- The unique angle of these pliers allow you to reach around hot exhaust manifolds without burning your arms

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

AST78515
Oil Filter Pliers
Adjustable Angle
- Slip-joint handle offers a wide size range for use on 2-1/4" to 4-3/4" oil and fuel filters
- Precision cut teeth in a tried-and-true design for biting into metal filter housings

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

CAL291
Truck and Tractor Filter Pliers
- Spring loaded adjustable pliers, easily adjusts to fit many sizes of filters
- Works on filters from 3-3/4" up to 7" • Poly grip
- Heavy duty forged levers • Made for heavy duty applications



CAL302
Adjustable Oil Filter Pliers
- Self adjusting spring action oil filter plier
- Huge range, from 2-1/4" to 5-3/4"
- Large number of teeth in the levers allows for user to securely grasp filters
- Forged handles for strength • Poly comfort grip

CHAOF1
2 Piece Oil Filter Plier Set
- CHA212 - Oil Filter Pliers: Capacity 2-1/2" - 3-3/4"
- CHA215 - Oil Filter Pliers : Capacity 2-1/2" - 4-1/2"
- Channellock Blue® comfort grips

Channellock® uses high carbon C1080 steel for superior performance on the job, and an electronic coating for ultimate rust prevention.

CHAOF-2
2 Piece Automotive Oil Filter Set
- Channellock Blue® grips for comfort
- PermaLock® fastener eliminates nut and bolt failure
- Accommodates most common size car and small engine filters
- Made from high carbon drop-forged steel for durability
- Set Includes: 9" & 12" Oil Filter Plier

Oil Filter Pliers
- Right angle teeth grip in all directions
- High carbon drop-forged steel
- Patented PermaLock® fastener eliminates not and bolt failures
- Channellock Blue® comfort grips

CHA209 - 9"
- Capacity: 3"

CHA212 - 12"
- Capacity: 4.25"

CHA215 - 15"
- Capacity: 5.5"

CHA2012
12" Oil Filter/PVC Plier, Angled Head
- 30° angled head • Capacity: 3-3/4"

ENGINE MECHANICAL

Oil Filter Pliers

GEARWRENCH

Oil Filter Pliers
- Dual-handle styling allows for a better leverage to bear down harder
- Handles are coated for a comfortable and a sure grip
- Forged for superior strength and plastisol coated handles provide a firm grip

KDT3368 - 2-15/16" to 3-5/8" **KDT3369** - 2-3/4" to 3-1/8"

K TOOL INTERNATIONAL

Made in U.S.A.

KTI73620
2-1/4" - 6" Adjustable Oil Filter Pliers
- Self adjusting spring action allows for a full range of filter applications
- Heavy duty forged handles with textured grip for strength and leverage
- Use with 2" - 5" filters

KTI73621
Spring Loaded Truck/Tractor Filter Plier
- Spring-loaded truck and tractor filter pliers work on auto filters as well as Cummins diesel filters
- Cushioned, ergonomic handle grips to reduce user fatigue
- Forged jaws and extra teeth ensure a strong, sure grip - range 4" to 7"
- 17" extended-reach handles allow users to access the toughest areas

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

Lisle®

LIS50750
2-1/4" to 4" 20° Angle Oil Filter Pliers
- Slip joint handle for greater range
- Two-position, slip-joint handle produces the range of three separate conventional filter wrenches
- Sure grip teeth prevent slipping
- Cushioned handles

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

OTC

OTC4561
Large Adjustable Oil Filter Pliers
- Forged jaws with sure-grip teeth grab the filter for easy removal
- Slip joint ratchet and lock mechanism allows a secure grip on filters ranging from 3-3/4" to 7" (95mm to 178mm) in diameter
- Pliers are 18" long

OTC4562
2-Piece Adjustable Oil Filter Pliers Set
- Small pliers: 13-1/2" long and fits filters ranging from 2-1/4" to 5" (57 mm to 127 mm) in diameter
- Large pliers: 18" long and fit filters ranging from 3-3/4" to 7" (95 mm to 178 mm) in diameter
- Forged jaws with sure-grip teeth grab the filter for easy removal
- OTC Tools & Equipment 2 pc. Adjustable Oil Filter Pliers Set (OTC-4562)
- Handles are plastic dipped

VIM TOOLS

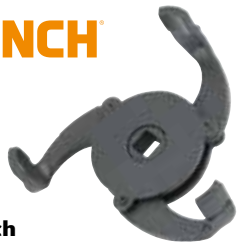
Oil Filter Pliers
- Specially designed for removal of screw-on oil filters
- The pliers allow easy access to filters and provide a secure grip with powerful leverage to break loose the most stubborn filters

VIMV240 - 3" to 4-5/8"
VIMV241 - 2.75" to 3.1"
VIMV243 - 2" to 4.2"
VIMV244 - 2" to 5"

ENGINE MECHANICAL

Finger Type Oil Filter Wrench

GEARWRENCH



KDT3288
3 Jaw Universal Oil Filter Wrench
- Remove all passenger car and light-duty truck spin-on-type filters with this wrench
- Sizes range from 2-1/2 to 3-3/4" (63.5 to 95mm)
- Use with a 3/8" square drive tool
- Caution - wear eye protection

Lisle

LIS63250
3/8" Drive Oil Filter Wrench
3-1/8" to 3-7/8"
- The large range enables this wrench to fit most standard size filters
- Steel jaws grip filter without slipping
- Works great in tight spots

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

LIS63600
Import Car Oil Filter Wrench
- Fits filters from 2-1/2" to 3-1/8"
- Removes all oil filters from 2 1/2" to 3 1/8" in diameter
- This extra large range enables the 63600 wrench to fit most all import car filters plus the common 3" domestic car filters
- Steel jaws grip filter without slipping
- Works in tight spots from the front of the filter using 3/8" drive

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

MOUNTAIN

MTN8057
Oil Filter Wrench
- Can be operated with 3/8" driver or 3/4" wrench
- So strong it can be used with an impact wrench
- Fits all oil filters from 2-1/2" to 4-5/16" diameter
- Guaranteed to provide the ultimate comfort and perform as hard as you do
- Developed using innovations to effectively serve the automotive after market

Cup Type Oil Filter Wrenches

K TOOL INTERNATIONAL

KTI73635
17 Piece Master Oil Filter Wrench Set
- 3/8" drive cap oil filter wrenches
- Fits 95% of domestic and import automotive applications
- Complete set comes in a handy 10" x 13" plastic case
- Kit includes: 80mm 15 flutes, 82mm 15 flutes, 86mm 14 flutes, 65/67mm 14 flutes, 68mm 14 flutes, 73/74mm 14 flutes, 64/65mm 14 flutes, 74/76mm 15 flutes, 76mm 14 flutes, 93mm 15 flutes, 76mm 30 flutes, 86mm 16 flutes, 88.4mm 15 flutes, 93mm 36 flutes, 93mm 45 flutes, 96 mm 18 flutes, 100mm 15 flutes

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

GEARWRENCH

KDT3865
5 Piece Filter Cup Wrench Set in Case
- Provides high torque capacity
- Handles 140 ft/lbs of torque to remove even the most stubborn filters
- Metal 3/8" drive insert will not deform or break even after years of service
- 65/67mm, 74/76mm, 76mm, 93mm, 76/80/93mm
- Durable heat resistant caps do not bend or loose shape

Provides high torque capacity. Handles 140 ft/lbs of torque to remove even the most stubborn filters. Metal 3/8" drive insert will not deform or break even after years of service. Durable heat resistant caps do not bend or loose shape. Made of durable nylon material - will not loose size tolerance even if dropped.

ENGINE MECHANICAL

Cup Type Oil Filter Wrenches

CTA026400
10 Piece OEM
Oil and Fuel Service Kit
- For removal of oil and fuel housings and spin-on filters
- 6 cap wrenches • 4 cap sockets

Includes six Cap Wrenches: A251, A258, A261, A266, A267, 2485 and four Cap Sockets: 2570, 2572, 2573 and 2574.

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

CTA1726
1/2" square drive Toyota Oil Filter Wrench
- Services ALL Toyota/Lexus oil filter housing caps for 4, 6 & 8 cylinder engines
- Heavy-welded steel for precision fit and high torque when removing oil filter housings
- Also fits many spin on filters, including Honda, Infiniti & Nissan • 64mm x 14 Pt

LIS61500
17 Piece Heavy Duty
End Cap Wrench Set
- An improved, heavy-duty design with a welded steel plate for strength
- Set fits the most popular domestic and import vehicles
- Includes the 61600 for Toyota applications with heat-treated and welded plate
- Set Includes: 61510, 61520, 61530, 61540,61550, 61560, 61570, 61580, 61590, 61600, 61610, 61620, 61630, 61640, 61650, 61660 and 61670

OTC6784
3 Piece Euro/GM
Oil Socket Kit
- 3/8" drive, forged sockets
- Kit includes: 27mm socket for the Cadillac STS 3.2L V6 and the Mercedes-Benz 1.8L I4; 32mm socket for the 2.2L GM Ecotec and Saabs; 36mm for the BMW M52, M60, M62, M70 and M73 engines; M-B OM604, 605 and 606 engines; VW/Audi VR6 engine

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

KTI73604
Oil Filter Housing Wrench for Toyota / Lexus
- Designed for removing aluminum oil filters
- Size: 1/2" Drive, 64.5mm, 14PT • Made of high quality steel
- Applicable: TOYOTA: 3.5L since 2007; LEXUS: IS250, IS350, GS300, GS350, GS450HE, S350, RX350, LS460, LS600H
- 1 Year Warranty on Material and Workmanship

PBT71117
Heavy Duty Oil Filter Tool
- Use to remove, install and re-torque oil filter housing during filter replacement
- High strength Chrome Vanadium Steel with mirror chrome finish
- 1/2" Square Drive and 24mm Hex • 64.5mm Across Flats
- Prevents rounding out tight oil filter housings

PBT71115A
Toyota/Lexus Oil Filter Wrench Kit
- Complete service kit for Toyota/Lexus oil change service
- Hose assembly allows oil to be drained from the filter housing before removal
- 24mm (15/16") HEX 64.5mm with 14 Flutes

Kit contains one each:
PBT71110A Toyota/Lexus Oil Filter Wrench – 4 cylinder
PBT71113A Toyota/Lexus Oil Filter Wrench – 6 & 8 cylinder
PBT71114 Toyota/Lexus Oil Filter Drain Hose Assembly

ENGINE MECHANICAL

Cup Type Oil Filter Wrenches

GEARWRENCH | K TOOL INTERNATIONAL | AST ASSENMACHER SPECIALTY TOOLS ASTTOOL.COM

Part #	Application/Features	Includes	Drive
ASS2124	BMW, Saturn	24mm 6 flats	3/8" drive
ASS2175	Audi, BMW, Dodge, MB, VW	74.5mm 14 flats	3/8" drive
ASSV410	BMW, Volvo	86.5mm 16 flats	3/8" drive
KTI73607	Hastings, Fram, Purolator, Nissan, Honda, Motorcraft, Mazda, Subaru	80mm 15 flute	3/8" drive
KTI73608	Wix	82nn 15 flute	3/8" drive
KTI73609	BMW, Mercedes, VW, Audi	86mm 14 flute	3/8" drive
KTI73610	Fram filters made in Canada, Mitsubishi	65/67mm 14 flute	3/8" drive
KTI73611	Hastings, Mazda, Ford Escort and Capri, Subaru	68mm 14 flute	3/8" drive
KTI73612	Toyota/Lexus	73/74mm 14 flute	3/8" drive
KTI73613		65mm 14 flute	3/8" drive
KTI73613N	Acura, Honda, Nissan, Toyota	64/65mm 14 flute	3/8" drive
KTI73614	Fram, AC, Saturn	74-76mm 15 flute	3/8" drive
KTI73615	Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes, BMW	76mm 14 flute	3/8" drive
KTI73616	Casite, Champion, Champ Lee, GM, Fram, Hastings, Purolator, Wix, Nissan, VW, Porsche, Renault	93mm 15 flute	3/8" drive
KTI73617	Motorcraft FL400A	76mm 30 flute	3/8" drive
KTI73623	BMW, Volvo	86mm 16 flute	3/8" drive
KTI73624	Hyundai, Kia	88.4mm 15 flute	3/8" drive
KTI73625	Motorcraft - FL1A, FLA1B, FL300, FL820	93mm 36 flute	3/8" drive
KTI73626	VW, Audi, Seat, Skoda, VW, Audi	93mm 45 flute	3/8" drive
KTI73627	Audi, VW, Renault	96mm 18 flute	3/8" drive
KTI73628	Fram, Motorcraft, Wix, Isuzu, Mitsubishi	100mm 15 flute	3/8" drive
KTI73630	Toyota/Lexus	64.5mm 14 flute	3/8" drive
KDT2790	AC/Delco, Farm, Wix, STP, NAPA, Sears, Gard, VW, Motorcraft & other filters	76mm (3") 15 flats	3/8" drive
KDT2991		95mm (3-3/4") 15 flats	3/8" drive
KDT3253	Toyota - Late Models	65mm 14 flats	3/8" drive
KDT3932	GM, Saturn	32mm 6 flats	3/8" drive
KDT3933	VW	27mm 6 flats	3/8" drive

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ENGINE MECHANICAL

Cup Type Oil Filter Wrenches

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

Part #	Application/Features	Includes:	Drive
KDT3934	Volvo, VW, Ford	36mm 6 flats	3/8" drive
KLA0122-401	Harley Davidson	74mm 14 flats with cutout	3/8" drive
CTA2465	Toyota/Scion/Lexus	64mm 14 flute	3/8" drive
PBT71110A	Toyota/Lexus 4 cylinder	64.5mm 14 flute	24mm Hex
PBT71113A	Toyota/Lexus 6 and 8 cylinder	64.5mm 14 flute	24mm Hex
OTC6903	Ford/Mazda 2.3L	75.6mm 14 flats	3/8" drive

KDT3934

CTA2465

PBT71110A

OTC6903

Oil Filter Sockets

KDT41890
6 Piece Oil Canister Socket Set
- Low profile sockets for better access
- Set includes: KDT3932D - 32mm, KDT3933D - 27mm, KDT3934D - 36mm, KDT3935 - 24mm and KDT3939D - 38mm oil filter sockets

SUN3671
6 Piece 3/8" Drive Oil and Fuel Filter Socket Set
- Services oil filter applications on most foreign and domestic vehicles
- Made from high quality chrome vanadium alloy steel

Sizes include: 24mm, 27mm, 29mm, 32mm, 35/36mm, 38mm

OTC6784
Assenmacher TOY640 Oil Filter Socket Wrench for Toyota and Lexus
- Popular oil filter wrenches for the GM, BMW, Audi, and VW
- High quality, 3/8" drive, forged sockets designed to last a lifetime

Kit includes: 27 mm socket for the Cadillac STS 3.2L V6 and the Mercedes-Benz 1.8L I4, 32 mm socket for the 2.2L GM Ecotec and Saabs, 36 mm for the BMW M52, M60, M62, M70, & M73 engines; M-B OM604, 605, & 606 engines; VW/Audi VR6 engine

ANRTOY640
Assenmacher TOY640 Oil Filter Socket Wrench for Toyota and Lexus
- Made of cast aluminum
- 64mm with 14 flats
- Won't damage plastic filter housing
- Use in conjunction with a 24mm or 15/16" socket

ENGINE MECHANICAL

Oil Filter Sockets

LIS13300
5 Piece Low Profile Filter Socket Set
- Contains very low profile, 6 point 24mm, 27mm, 29mm, 32mm and 35/36mm sockets for use on oil and fuel filter canisters when replacing the element
- Use with 3/8" drive

Set includes: 24mm for Cadillac and some BMW, 27mm for 2003 and later Mercedes 1.8L, Smart and some VW, 35/36mm for Ford 6.0L diesel fuel and oil filter housings, Mini Cooper and some BMW oil filter housings, and Mack Truck oil filter housings, 29mm (1-1/8in.) for Dodge Cummins fuel filter housing and 32mm (1-1/4in.) for GM Ecotec, 2.0L, 2.2L and 2.4L four cylinder oil filter housing; some Saturn and Saab.

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

LIS13270
7 Piece Low Profile Filter Socket Set
- Contains very low profile, 6 point 24mm, 25mm, 27mm, 28mm, 29mm, 32mm and 36mm sockets for use on oil and fuel filter canisters when replacing the element. Use with 3/8" drive

Set includes: 13280 - 25mm, 13290 - 28mm, 13310 - 24mm, 13320 - 27mm, 14500 - 36mm, 14600 - 29mm ansd 14700 - 32mm

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

Part #	Size	Part #	Size
LIS14700	1-1/4"	KTI73618	32mm
KDT3935	24mm	SUN367132	32mm
KDT3933	24mm	KDT3934	36mm
SUN367127	27mm	KTI73619	36mm
KDT3936	29mm	SUN367135	36mm
KDT3932	32mm	KDT3939D	38mm

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

Drain Plug Tools

KDT3870
7 Piece Magnetic Drain Plug Socket Set
- Set contains the most popular Metric sizes (13-19mm)
- Color coded anodized aluminum press fit for ease of use
- Each socket features a magnetic core which holds hot drain plugs in place during use
- Includes 3/8" drive GearRatchet - needs as little as 5 degrees of swing arc to operate..low profile
- Knurled Speeder Ring option on each socket provides quick removal and installation
- System works with any 3/8" drive ratchet - universal tool

LIS58850
Oil Pan Plug Rethreading Kit
- Removes damaged thread and taps a new oversize thread
- This set includes a piloted drill, spring-loaded tapping tool and 5 magnetic drain plugs
- The unique tapping tool ensures the new thread will be perpendicular to the gasket surface to prevent leakage

OTC4603
Frost Plug Remover/Installer Set
- Remove and install frost plugs used in liquid-cooled gas and disel engines found in automobiles, trucks, SUVs, agricultural equipment and construction equipment
- Simply use a hammer with the driver and appropriate disc to install frost plugs ranging from 1" to 2-3/8" in diameter
- Set includes: 4603-1 Installer handle (18" long); 4604-2 frost plug remover; 4604-3 frost plug disc set (7 each plus 1 retaining nut)

ENGINE MECHANICAL

Drain Plug Tools

Made in U.S.A.

KTI00009
60-Piece Drain Plug Gasket Kit Poly and Fiber
General purpose gasket kit includes the 7 most popular sizes of poly and fiber gaskets.

Part #	Description	Qty	Refill
KTI04134	1/2" Fiber Drain Plug Gasket	20	10
KTI04135	1/2" Poly Drain Plug Gasket	10	10
KTI04136	12mm Poly Drain Plug Gasket	10	10
KTI04137	14mm Poly Drain Plug Gasket	5	10
KTI04138	16mm Fiber Drain Plug Gasket	5	10
KTI04139	18mm Fiber Drain Plug Gasket	5	10
KTI04140	20mm Fiber Drain Plug Gasket	5	10

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

Made in U.S.A.

KTI00059
27-Piece Drain Plug Assortment
Contains 9 popular oversize drain plugs and gaskets for the repair of stripped drain pan threads. Six sizes including single, double and triple oversize plugs. Includes fiber gaskets. Contains a total of 12 drain plugs and 15 gaskets.

Part #	Description	Qty	Refill
KTI04125	Drain Plug M14-1.50 Single Oversize	2	5
KTI04141	Fiber Gasket 1/2" Double Oversize	5	10
KTI04142	Fiber Gasket 1/2" Single Oversize	5	10
KTI04168	Fiber Gasket M14	5	10
KTI04181	Drain Plug 1/2" Single Oversize	2	5
KTI04182	Drain Plug 1/2" Double Oversize	2	5
KTI04183	Drain Plug 1/2" Triple Oversize	2	5
KTI04184	Drain Plug 1/2" Single Oversize Piggyback	2	5

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

Made in U.S.A.

KTI00058
40-Piece Drain Plug Assortment
Contains 12 of the most popular drain plugs which provides excellent coverage for most domestic and imported cars and light trucks. Application guide is included. Gaskets sold separately.

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

Part #	Description	Qty	Refill
KTI04121	Drain Plug 14mm-1.50 Pilot Point w/Gasket	3	5
KTI04123	Drain Plug 14mm-1.50 Pilot Point w/Gasket	5	5
KTI04124	Drain Plug 12mm-1.75 Pilot Point w/Gasket	3	5
KTI04126	Drain Plug 14mm-1.50 Pilot Point w/Gasket	3	5
KTI04188	Drain Plug 12mm-1.25 Standard Zinc	3	5
KTI04189	Drain Plug 12mm-1.75 Pilot Point	3	5
KTI04190	Drain Plug 14mm-1.50 Standard Zinc	3	5
KTI04193	Drain Plug 1/2-20 Pilot Point w/Gasket	3	5
KTI04195	Drain Plug 14mm-1.50 Standard Zinc	3	5
KTI04198	Drain Plug 12mm-1.75 Pilot Point w/Gasket	3	5

V8T3304
4 Piece 1/2" Drive Drain Plug Socket Set - 32mm
- Made of high strength alloy steel, our set includes the four most popular sizes of drain plugs
- 8mm male, 10mm male, 1/2" male and 10mm female

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

ENGINE MECHANICAL

Oil Change Drain Pans

PLEWS & EDELMANN

PLW75-750
6 Gallon Galvanized Steel Radiator Drain Pan
- Pouring with anti-splash baffle prevents spilling
- Rolled smooth edge and ribbed bottom for heavy duty strength
- 19" in diameter and 6" in height

PLW75-751
General Purpose 3-1/2 Gallon Utility Drain Pan
- Seamless, full drawn galvanized steel
- Rolled rim and ribbed bottom for extra strength

PLW75-760
6 Quart High Plastic Drain Pan
- With pouring lip
- Will not rust, dent or scratch
- 13" diameter x 4" high

RhinoGear

RHG11845
Oil Drain Pan, 5 Gallon Capacity
- 5 gallon drain pan for easier, cleaner oil changes
- Molded handle makes carrying, pouring and storing easy
- Tested and approved to be UN/DOT Compliant

Lisle

LIS17932
Plastic 6 Quart Drain Pan
- Plastic drain pan with pour spout
- The pan is 4" deep, 14" wide to the spout

LIS17942
Plastic 4-1/2 Gallon Black Spill Proof Drain Pan
- High-density polyethylene material is resistant to chemicals and solvents
- 1" wide diameter spout for quick and easy pouring
- The anti-splash lip and baffles help prevent spilling

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

Oil Funnels

AST ASSENMACHER SPECIALTY TOOLS ASTtool.com

ASSOFAUD1000
Euro 1/4 Turn Oil Filler
- Fits BMW 6 and 8 cylinders 1996-Newer
- Fits Dodge Sprinter
- Fits Mercedes 112 and 113 Engines
- Fits VW/Audi Engines: 1.8T, 1.9L TDI, 2.0T, 2.8L(30v), 3.0L(30v), 3.2L, 3.6L, and 4.2L(40v)

The ASSOFAUD1000 is a VW/Audi, BMW, Dodge Sprinter 2.7L and Mercedes Oil Funnel specifically designed to attach to the valve covers. Patent-pending.

ASSOFHON1033
Asian/Domestic Oil Funnel
- Made of durable ABS plastic
- No more mess
- Threads and seals onto the valve cover

Fits Honda Accord, Civic, Element, Fit (through 2008), NSX and S2000. All Acura models (except MDX and RDX) Fits most NIssan models. Fits Dodge Neon and some Cummins Turbo Diesel Rams. Fits Ford Power Stroke engines (6.9L, 7.3L, 6.0L and 6.4L)

ASSOFTOY1038
Toyota Threaded Oil Funnel
- Made of durable ABS plastic
- No more mess
- Attaches and seals to the valve cover
- Fits all Toyota, Lexus, and Scion models that have a threaded oil cap (except Prius), also fits Pontiac Vibe with Toyota motor

Toyota oil funnel is used on all Toyota, Lexus, and Scion models that have a threaded oil cap. (except Prius) Prevents an unwanted mess.

ENGINE MECHANICAL

Oil Funnels

CTA7470
9 Piece Oil Filling System
- Universal funnel for use with 7 different adapters
- Angled extension arm with swivel feature for use in hard-to-reach or low clearance applications
- Adapters are color-coded
- All parts available separately
- 2 liter funnel

Allows for fast oil filling without spillage. Great for many late model vehicles with internal baffles. 2 liter funnel fits adapters for wide application range. Color-coded adapters fit oil filler hole.

Following parts available separately:
- No. # 7471 - 2 Liter Funnel - Fits all adapters
- No. # 7472 - Angled Extension - Fits all adapters
- No. #7473 - Adapter w/ Bayonet Fitting (Red) - Audi, BMW, Dodge, Mercedes, Porsche,Volvo, VW
- No. #7474 - Adapter w/ M42 x 4.5 Thread (Purple) - Subaru
- No. #7475 - Adapter w/ M37 x 3.0 Thread (Blue) - Toyota, Lexus, Scion, and Pontiac Vibe
- No. #7476 - Adapter w/ M35 x 4.0 Thread (Orange) - Mazda
- No. #7477 - Adapter w/ M32 x 3.5 Thread (Green) - Dodge Cummins Turbo Diesel, Dodge Neon, Honda, Acura, Nissan, Jaguar, Ford
- No. #7478 - Adapter w/ Bayonet Fitting (Yellow) - Toyota and Lexus w/ 3.0 & 3.3L V6
- No. #7479 - Adapter (Aluminum) - Cadillac, Chevy, Ford, GMC, Hyundai, Jaguar, Land Rover, Mazda, Mercury, Pontiac, Saab, Saturn

Compression Testing

UVU560000
Combustion Leak Tester
- Dual chamber unit eliminates false positives and provides for a high accuracy test
- One universal test fluid for both gas and diesel
- 16 ounce test fluid good for 16 applications
- Foam lined storage case to protect the tester (glass)

LIS75500
Combustion Leak Detector
- Quickly pinpoints combustion leaks
- Checks for combustion leaks caused by bad head gaskets, cracked blocks, and cracked or warped heads
- Fluid changes from blue to yellow when exposed to combustion gases from the radiator

MILS1251
Deluxe Compression Tester
- Double fiber braided neoprene hydraulic hose
- Includes 14mm long reach adapter and spare valve core
- Composite metric scale reads both PSI and all metric ranges
- 0-300 PSI 0-21 kg/cm2
- 0-2100 kPa 0-21 bars

ENGINE MECHANICAL

Compression Testing

Lisle®

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

LIS20250
0-300 PSI 14mm and 18mm Compression Tester
- Gauge registers 0 - 300 P.S.I. and 0 - 2100 kpa
- Fits 14mm and 18mm thread sizes

Compression tester is made to quickly and accurately check compression on gasoline engines.

LIS20530
Compression Tester Adapter, for 10mm Spark Plug Threads

LIS20540
Compression Tester Adapter, for 12mm Spark Plug Threads

mityvac®

MITMV5532
Digital Compression Test Kit
- Stores maximum compression value up to 12 cylinders
- Backlit LCD for easy to read from any angle and in any light
- Uses standard 9V battery
- Automatically shuts off after 3 minutes of non use (memory retained)
- Rubber boot protects the gauge from bumps and drops

Sealed, grease and oil resistant gauge face prevents contamination of electronics. Displays values in PSI; Bat and kPa. This comprehensive gasoline engine compression test kit features an electronic tester that memorizes the peak compression value for each cylinder. When testing is complete, the values can be quickly reviewed at the push of a button. Everything is included to perform wet and dry compression tests commonly used to detect ring or cylinder head problems, sticking valves, blown head gasket(s) and more. Includes adapters for use on motorcycles and marine and small engines, and an air-hold adapter for performing valve seal repairs without removing the cylinder head(s). Not for use on diesel engines.

mityvac®

MIT5530
Professional Compression Test Kit
- Manual pressure release for maintaining peak readings
- Professional grade threaded adapters for leak proof seals
- Extended hoses for hard to reach applications
- Large, easy to read 2-3/4" diameter gauge
- Adapters to fit engines as small as lawn mowers, chain saws and trimmers

Quick disconnect coupler for easy accessory changes.This comprehensive kit includes everything required to perform dry and wet engine cylinder compression tests commonly used to detect ring or cylinder head problems, sticking valves, blow head gaskets, and more. Includes adapters for use on motorcycles, marine and small engines, and an air-hold adapter for performing valve seal repairs with removing the cylinder head(s). Not for use on diesel engines.

MIT5525
Compression Tester
- Large easy-to-read pressure gauge
- Universal rubber adapter fits virtually any size spark plug hole
- Manual release valve holds peak and pressure readings for easy recording
- Small compact unit fits conveniently into tool box

This quick-test style tester does not require threading into the spark plug hole, making it an ideal, economic solution for quickly diagnosing engine compression problems such as worn piston rings, sticking or burnt valves, blown head gasket(s), or carbon build-up in cylinders, on cars and small engines. Not for use on diesel engines. Includes 2 3/4" (70 mm) diameter Bourdon tube gauge readings indicated in four (4) scales of measure:bar, psi, kPa, and kg/cm2) with pressure release and quick-change coupler, and stem with universal rubber spark plug hole adapter and manual release pressure valve. Also includes user manual (English/Spanish/French)

ENGINE MECHANICAL

Compression Testing

OTC5605
Deluxe Compression Tester Kit

- Corrosion resistant nickel plated finish
- Adapters work on both flat and tapered seat plugs
- Extra long 25" flex hose gauge assembly with quick coupler, allows easy viewing out of cluttered engine compartment
- 2-1/2" gauge features chrome bezel and rugged protective outer boot
- Dual scale gauge reads 0-300 psi and 0-2100 kPa

Complete with standard and specialty adapters, this deluxe kit offers a complete package for compression testing on gasoline engines. Kit includes the deep well connector used on recessed plug well style heads and the new Ford Triton™ engine adapter using 16mm thread plugs. Also includes 12" flex-14mm standard reach, 12" flex-14mm long reach, 10mm, 12mm and 18mm thread adapters and a repair parts kit packaged in a rugged blow-molded hard case with removeable lid.

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

OTC5609
Cylinder Leakage Tester Kit

- Dual 2-1/2" gauges feature chrome bezel and rugged protective outer boot
- Scales read 0-100 psi and 0-700 kPa
- Pressure regulated manifold includes quick couplers
- Long flex 24" 14mm hose
- 10mm, 12mm and 18mm thread adapters

Quickly diagnose internal engine problems such as bad rings, valves and leaking head gaskets. Kit comes complete with adapters for most applications. Comes with detailed instruction chart all packaged in a blow molded hard case with removable lid.

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

OTC5606
Compression Tester Kit

- Corrosion resistant nickel plated finish
- Adapters work on both flat and tapered seat plugs
- Extra long 25" flex hose gauge assembly with quick coupler, allows easy viewing out of cluttered engine compartment
- 2-1/2" gauge features chrome bezel and rugged protective outer boot
- Dual scale gauge reads 0-300 psi and 0-2100 kPa

Designed for complete compression testing on gasoline engines, including domestic, imports, motorcycles, marine, and small engines. Unique problem solving features for today's limited space engine compartments. Also includes 12" flex - 14mm standard reach, 12" flex - 14mm long reach, 10mm, 12mm, and 18mm thread adapters, and a repair parts kit all packaged in a rugged blow molded hard case with removable lid.

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

ENGINE MECHANICAL

Compression Testing

LANG TOOLS
Professional Tools For 4 Generations

STATU30A
Compression Test Kit
- Tests compression on all major model vehicle platforms, domestic and foreign with gasoline engines, including motorcycles, mini engines, snowmobiles, outboard motors, and more
- Features new patent pending Ford Triton engine compression adapter that fits both the M16 spark plug port and the new, redesigned M12 spark plug port
- Quick coupler connection on gauge assembly for fast and easy changing of hose and adapter assemblies
- 68mm gauge has dual scale dial with ranges from 0-300 PSI and 0-21 Bar
- Gauge maintains highest compression test reading and resets to zero with a push button release valve

Adapters can be used on either flat or tapered spark plug hole seats. Set includes: 24" hose assembly with quick coupler; new patent pending M12 x M16 short thread solid adapter for compression testing where spark plug holes are deeply recessed M14 hose adapter with short thread; M14 hose adapter with long thread; M10 adapter with short thread; M14 adapter extension; Separate small engine tester (TU-21) with M14 x M18 threads and gauge with dual scale dial ranging from 0-200 PSI and 0-14 bar); Instruction and labeling that clearly identifies each product. Snap fit blow molded case or convenient storage.

LANG TOOLS
Professional Tools For 4 Generations

STACLT-2PB
Cylinder Leakage Tester in a Plastic Case
- This tester measures the ability of an engine cylinder to hold compressed air using shop air pressure and supplements a compression tester
- Pinpoints bad valves, worn rings, cracked cylinder walls, and blown head gaskets
- Furnished with rubber boots to protect gauges
- Includes a precision regulator with a M14 adapter on a 26" hose assembly
- Neatly arranged in a plastic box

The 2-1/4 in. special gauge has one multicolored band for measuring low, moderate and high leakage, and a scale range from 0-100%. The second gauge is 2-1/4 in. and has a dual scale dial with ranges from 0-100 PSI and 0-7 bar, which allows the technician to monitor input airline pressure.

GEARWRENCH

KDT2428
Cylinder Compression Tester
- Checks cylinder compression from 0 to 300 psi (0-21 Kg/cm2)
- Adapters fit 14mm and 18mm spark plug holes
- Special air hold valve for easy resetting of gauge
- 16" rubber hose

Checks cylinder compression from 0 to 300 psi (0-21 Kg/cm2). Adapters fit 14mm and 18mm spark plug holes. Special air hold valve for easy resetting of gauge. 16 in. rubber hose. Serviceable product Need to know if an engine has a problem? Whether you're buying a used vehicle or trying to decide whether to rebuild a motor, a compression tester comes in handy. The KD Tools Compression Tester can let you know if you've got worn rings, a blown head gasket or other cylinder compression issues. Made for everyday use!

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

ENGINE MECHANICAL

Diesel Compression Testing

TOOL AID®
TOOLS FOR THE PROFESSIONAL

SGT35750
Ford Power Stroke Diesel Compression Testing Kit
- Dedicated Kit for testing the popular Ford Power Stroke engines
- Contains Diesel Compression Tester
- Includes Diesel Tester Adapter for 7.3L Power Stroke Ford & Navistar engines
- Also includes Diesel Tester Adapters for Ford 6.7L & 6.0L engines
- Packaged in a molded plastic case with carrying handles with instructions for each adapter

SGT34700
Diesel Compression Tester
- Measures cylinder pressure on diesel equipped cars and trucks
- Records maximum pressure reached during engine test
- Release valve allows for immediate venting and resets gauge for repeat tests
- High pressure hose is 16-1/2" long
- Gauge is scaled from 0-1,000 PSI and 0-70 BAR

Adapters are not included and must be ordered by individual catalog number.

mityvac®

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

MITMV5535
Digital Diesel Compression Test Kit
- Stores maximum compression value for up to 12 cylinders
- Backlit LC display is easy to read from any angle and in any light
- Automatically shuts off after 3 minutes of non-use (memory is retained)
- Uses standard 9V battery for convenience and cost
- Rubber boot protects the gauge from bumps and drops

Sealed, grease and oil-resistant gauge face prevents contamination of electronics. Displays values in PSI, Bar and kPa. This comprehensive diesel engine compression test kit features am electronic tester that memorizes the peak compression value for each cylinder. When testing is complete, the values can be quickly reviewed at the push of a button.

LANG TOOLS
Professional Tools For 4 Generations

STATU15-70
Diesel Compression Test Set with Tester and Adapters
- Contains tester and all the most popular adapters needed to test heavy-duty trucks and equipment
- Includes our TU-15 gauge with easy to read red and black dial and snap-in lens

Adapters included in this set: TU-15-4A, TU-15-8, TU-15-9, TU-15-11A, TU-15-12A, TU-15-14, TU-15-17, TU-15-18A, TU-15-19, TU-15-20, TU-15-21, and TU-15-23.

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

STATU-15-55
Diesel Compression Kit
- Test cylinder pressure on light-duty diesel trucks
- Dual scale gauge
- Wire reinforced hose 16 1/2" long
- Swivel end quick disconnect coupler

STATU15
Diesel Compression Tester
- For testing cylinder pressure on diesel cars and trucks
- Release air and automatically reset gauge for repeat testing
- Swivel end quick coupler for easy connection to adapters
- 16-1/2" long wire reinforced hydraulic hose
- 2-1/4" gauge has a dual scale dial with ranges from 0-1000 PSI and 0-70 bar

OTC

OTC6660
Ford 6.0L Diesel Compression Tester Adapter
- OEM design
- Works on the Ford 6.0L diesel engine
- Meets or exceeds OTC quality standards

The OTC6660 adapter is used to connect the OTC5021 Diesel Compression Tester gauge to perform a compression test.

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

ENGINE MECHANICAL

Diesel Compression Testing

LANG TOOLS
Professional Tools For 4 Generations

STATU15-51
American Diesel Compression Tester Kit

- A great basic set for diesel work in the American market
- Release air and automatically reset gauge for repeat testing
- Swivel-end quick coupler for easy connection to adapters
- 16-1/2" long wire reinforced hydraulic hose
- 2-1/4" gauge has a dual scale dial with ranges from 0-1000 PSI and 0-70 bar

Adapters included for Audi, GM, Isuzu, Lincoln, Ford/Navistar, Mercedes, Peugeot, Toyota, VW, Volvo and more.

Available Adapters for STATU15-51 and STATU15-53

Part #	Description	STATU15-51	STATU15-53
STATU-15-1A	Glow Plug	•	•
STATU-15-3A	Glow Plug	•	•
STATU-15-6	Glow Plug	•	•
STATU-15-12A	Injector		
STATU-15-18A	Injector		
STATU-15-19	Injector		

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

ENGINE MECHANICAL

Diesel Compression Testing

LANG TOOLS
Professional Tools For 4 Generations

STATU15-53
Diesel Compression Test Set
- This is a great basic set and a must have for diesel work in the American market
- Includes STAR Diesel Compression Tester TU-15 with easy to read red and black dial and snap-in lens
- Comes in a very attractive red plastic box with compartments to keep tester and all components neatly arranged

Includes adapters TU-15-1A through TU-15-6, TU-15-14, as well as TU-15-17 for Cummins used in Dodge SUVs and Trucks, and TU-15-22A for 7.3 Turbo Direct Injection for Navistar/Ford. Includes adapters for GM, Isuzu, Lincoln Mark VII Continental and Ford / Navistar, Audi, Mercedes, Peugeot, Toyota, VW, Volvo.

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

Fan Clutch Tools

SP TOOLS
SCHLEY PRODUCTS INC.

SCH61200
2 Piece Domestic Fan Clutch Wrench Kit
- Gives the professional technician the ability to service all fan clutches that have bolt on pulleys on the water pump
- Works with Chrysler, GM, Ford, Land Rover and Mazda (not including the 4.9 liter 6 cylinder Ford)

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SCH61600
Universal Fan Clutch Wrench Pulley Holding Tool
- The 61600 replaces item's # 95220, 95230, 95270, and 96370
- This specially designed contoured water pump holder is exceptionally easy to use on vehicles using bolt on water pump pulleys to remove and replace the viscous fan clutch

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SP TOOLS
SCHLEY PRODUCTS INC.

SCH95210
48mm and 36mm Fan Clutch Wrench
- Service all fan clutches with bolt on pulleys on the water pump
- Works with Chrysler, GM, Ford, Land Rover and Mazda (Not including the 4.9 Liter 6 cylinder Ford)

SCH95260
Open End 40mm Fan Clutch Wrench
- Use with 61600 for 1992-1996 Econoline Vans, 1993-1996 F Series Pickup Trucks with 4.9 L Engines
- Developed with a larger head size and heat treated to maintain dimensional stability due to its thin design

SCH62100
BMW 32mm Fan Clutch Wrench
- For 3, 5 , 7 and 8 Series BMW Applications
- This heavy duty 32 mm wrench has been designed with extra length, a total of 17", to allow the technician to easily reach down to the fan clutch hex coupler
- This tools works handily with the SCH61600 Universal Fan Clutch Pulley Holding Tool
- Works on all models while the MS6160 universal holding tool works on all except the 4.0L & 4.4L V-8 engines
- Made from heat treated steel with a soft grip handle

ENGINE MECHANICAL

Fan Clutch Tools

Astro

AST7895
10 Piece Fan Clutch Wrench Set
- Allows you to hold the fan clutch with the clutch holder tool, while using the special wrench to turn the fan clutch nut
- Square drive allows attachment of a breaker bar for extra torque
- A must for any front engine service

Kit includes: 2-1/4" Fan pulley holding tool, 2-3/8" Fan clutch bolt holding tool, 2-1/8" Fan clutch pulley holding tool, 3-1/4" Fan pulley holding tool, 3" Fan clutch pulley holding tool, 2-13/16" Fan hub wrench, 1-7/16" Fan clutch nut wrench, 1-7/16" Fan clutch wrench, 1-9/16" Fan clutch wrench and 1-7/8" clutch nut wrench left hand.

GEARWRENCH

KDT41580
Fan Clutch Service Kit
- This versatile kit covers most vehicles with bolt or pulleys and also newer Chrysler engines with press on pulleys requiring special pins to hold housing
- Features the patented 35W universal pulley holder
- Complete individual part number breakdown with instructions on usage (English and Spanish)
- Includes blow mold case
- Lifetime warranty

Deluxe fan clutch wrench set for removing and installing the fan clutch on many models when repairing or replacing water pumps, timing chains, or the fan clutch. Kit includes: Universal Pulley Holder- designed to trap and hold bolt-on pulleys by the mounting bolts; Small pin set (5x8mm); Large pin set (cam pins, 6x10mm, 7.5x18mm); 22mm (7/8") Ford Ranger 3.0L; 36mm (1-7/16") Ranger, Explorer, Bronco; 40mm (1-9/16) F Series and E Vans; 47mm (1-7/8") F Series and E Vans 50mm (2").

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GEARWRENCH

KDT3950
2 Piece 6.0L Powerstroke Fan Clutch Kit
- Designed for Fan Clutch removal on 2003 and above Ford 6.0L Powerstroke engines
- Unique fan clutch wrench grips and securely holds the pulley housing
- Fan clutch holding tool loosens and removes oval or round hole clutch nut

This kits is designed for fan clutch removal on newer Ford applications equipped with the 6.0 liter Powerstroke diesel engine available since 2003. The unique design and components of the tools included in this kit give the user the ability to grip and securely hold the pulley housing while applying torque to the 47mm clutch nut for loosening and removal.

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ENGINE MECHANICAL

Fan Clutch Tools

GEARWRENCH

KDT3473
Ford Diesel Fan Clutch Wrench 6.9-L and 7.3-L
- Use with 1/2" drive tools and torque wrench
- Refer to Ford factory service manual for torque specifications and thread direction
- Wrench opening is 48mm (1.889")

This is to be used in conjunction with the universal pulley holder (3471) to remove and replace the thermostatic fan assembly on Ford 6.9-L, 7.3-L and 7.3-L DIT diesel engines. Also available in a kit 41580.

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KDT3422
Ford 4.9 Liter Fan Clutch Wrench
- Wrench removes thermostatic fan assembly on 1993 to current 4.9-L Ford engines
- Wrench opening: 40mm

Makes the removal of the thermostatic fan assembly on 1993 to current 4.9-L Ford engines quick and easy. Use in conjunction with 58mm short wrench or universal pulley holder 3471. Both hold pulley while turning square shaft on the fan clutch.

GEARWRENCH

KDT3472
Pulley Holder / Fan Clutch Tool Kit
- Includes the universal Pulley Holder part KDT3471 plus fan clutch wrenches KDT3422 and KDT3136-76
- Used to remove and replace thermostatic fan assemblies while eliminating the need for various size holding wrenches

Lisle

LIS44180
Fan Clutch Spanner Wrench
- For GM, Jeep and Dodge trucks, vans and SUV's with pressed on water pump pulleys
- The double ended spanner wrench fits the holes in pressed-on water pump pulleys

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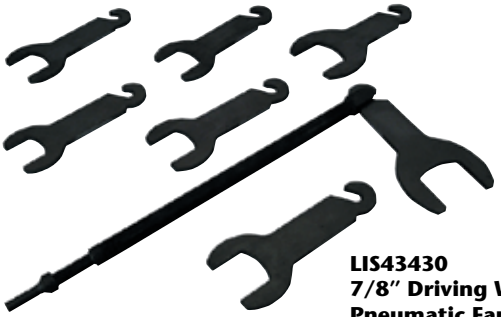
Serpentine Belt Tools

Lisle



LIS43300
Pneumatic Fan Clutch Wrench Set
- Quickly removes and installs fan clutch when repairing the water pump or fan clutch
- Does the job much faster and easier than conventional fan clutch wrenches. No holding wrenches necessary
- Use with an air hammer

Set Includes: LIS43370 handle, LIS43380 32mm driving wrench, LIS43390 36mm driving wrench, LIS43410 1-7/8" driving wrench, LIS43420 2" driving wrench, LIS43430 7/8" driving wrench, LIS43440 40mm driving wrench and LIS43530 47mm driving wrench

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LIS43430
7/8" Driving Wrench for LIS43300
Pneumatic Fan Clutch Wrench Set
- Fits Ford Ranger 3.0 liter engines, '93 and up

LIS43410 - 1-7/8" Driving Wrench
LIS43420 - 2" Driving Wrench
LIS43380 - 32mm Driving Wrench
LIS43390 - 36mm Driving Wrench
LIS43440 - 40mm Driving Wrench

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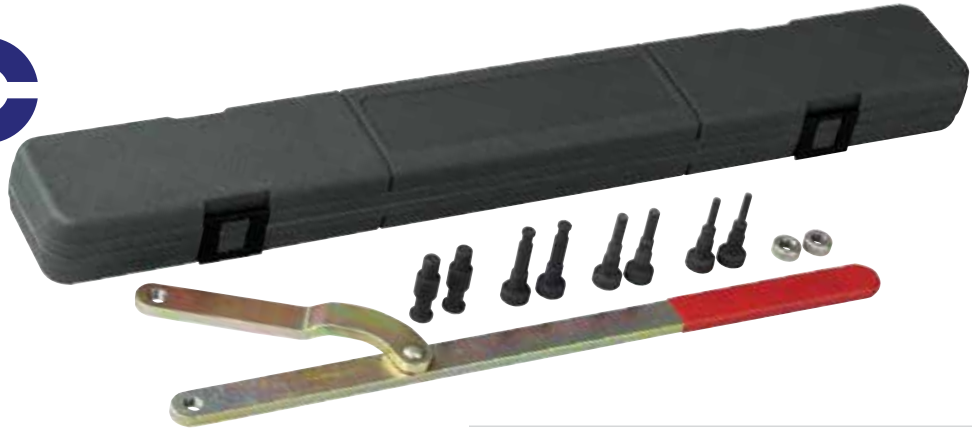
ENGINE MECHANICAL

Serpentine Belt Tools



OTC4754
Universal Cam Crank Fan Clutch Holder Set
- Universal design fits many different size pulleys having slots or holes, such as camshaft pulleys or crankshaft pulleys
- Wrench is adjustable from 1-1/2" to 8-5/8"; four different size step pins are interchangeable
- Long handle enables technician to easily hold the pulley when tightening or loosening retaining bolts

OTC4652
Adjustable Fan Clutch Holding Tool
- Adjustable jaws fit various water-pump pulley bolt patterns
- Jaws adjust from 1/2" to 8-5/16" opening
- Jaws lock in place to securely hold water pump bolts
- Long handle offers leverage for extra torque
- Used for fan clutch service

SCH63200
Dodge Serpentine Belt Tool
- Designed to reach down through the engine department in areas that are not easily accessible with standard tools or "universal" belt tensioner tools

ASSHON1419
Honda Serpentine Belt Wrench
- Lightweight, slim design
- Equipped with 14mm and 19mm,12 point securing attachments
- Works on most Honda applications
- 25" long for leverage • Engagement every 30°
- Ideal for strong tensioners used on 2006 and newer Civics

CTA1016
Mini Cooper Serpentine Belt Tool Set
- 2 long-handle (22" / 55cm) wrenches to service late model Mini Cooper Serpentine Belts
- Offset working ends with small and large 12 point wrenches
- Black finish w/ vinyl grip
- Thin-wall wrenches for accessibility

CTA3458
BMW A/C Belt Installation Tool
- Used when no belt tensioner is employed on '04 – '06 V8 N62 engines with stretch belts
- Aluminum body • Anodized finish

ENGINE MECHANICAL

Serpentine Belt Tools

GEARWRENCH

KDT3680
15 Piece Serpentine Belt Tool Kit
- Access - combination of special sockets and crows feet provides complete vehicle coverage
- Design - specially designed sockets that work with Gearwrench® patented drive system
- Productivity - 5° box end not found on any other belt tool
- Stores in a blow molded case

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KDT89000
15 Piece Serpentine Belt Tool and Locking Flex Head Ratcheting Wrench Tool Kit

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

KDT3684
Serpentine Belt Grabber Tool
- Belt Grabber used for installing, routing and removing serpentine belts
- Spring loaded handle that remotely activates belt grabber
- Unique "grabber" feature allows for quick use, saving time

KTOOL INTERNATIONAL

KTI70730
Stretch Belt Installation Tool
- Ideal for installing newer, patented Gates Micro-V® Stretch Fit™ belts
- Found on many models of vehicles with drive systems that do not require a tensioner (i.e. power steering, air conditioning, water pumps)
- Avoid potential damage - installs without twisting or breaking internal belt fibers
- Anodized aluminum body for corrosion resistance
- Hardened steel pulley pivot for durability

Durable construction features anodized aluminum body for corrosion resistance and a hardened steel pulley pivot.

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KTIDAY70730
Stretch Belt Installation Tool
- Universal tool prevents twisting or breaking of internal belt fibers during installation
- Ideal for installing newer, patented Gates Micro-V Stretch FitTM belts
- Found on many modesl with drive systems that do not require a tensioner (power steering, air conditioning, water pumps)
- Constructed of anodized aluminum for corrosion resistance

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ENGINE MECHANICAL

Serpentine Belt Tools

KTI70720
Serpentine Belt Tool
- Releases tension on serpentine belts with a spring loaded idler pulley
- Used to remove and install serpentine belts
- Fits idler pulleys requiring 13mm, 15mm, 16mm and 18mm hex or 3/8" square drive socket sizes

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LIS59000
Ratcheting Serpentine Belt Tool
- Sockets are low profile to fit hard to reach areas
- Ratcheting head has a freewheel position that allows maximum leverage
- Comes with extension for hard-to-reach idler pulleys
- Used to remove and install belts on serpentine belt systems
- Spring loaded for a great performance
- Includes a 19mm socket for Honda and Toyota applications

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LIS59800
Serpentine Belt Tool

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- Releases tension on serpentine belts with a spring loaded idler pulley
- For applications with limited access, 13mm and 16mm sockets are built into the handle
- Comes with extension for hard-to-reach idler pulleys
- Includes 9mm socket for Honda and Toyota applications

Fits idler pulleys requiring 13mm, 14mm, 15mm, 16mm, 18mm, 19mm hex and both 3/8" and 1/2" square drive sizes.

OTC4645
Serpentine Belt Tool
- Fits tensioner pulleys with 13mm - 16mm, 18mm hex or 3/8" and 1/2" square drives
- For hard to access tensioners; there are 13mm and 15mm, 12 point wrenches built into the handle
- 13mm, 14mm and 15mm crowsfoot wrenches also included

OTC6673
Universal Belt Tension Gauge
- Belt tension gauges are used to properly check drive belt tension on drive belts to ensure maximum belt and bearing life
- Scale reads 30-180 in./lbs

OTC4748
Belt Tension Gauge
- This easy to use and read tool allows for accurate belt tension to be set after belt replacement, adjustment, or wheel service
- Use on secondary drive belts with a 10 lb. spec.
- Use after belt replacement adjustment or wheel service

PBT70990
Stretch Fit Belt Tool Kit
- Universal installation and removal of all stretch fit belts
- Easily installs all stretch fit belts; no adjustments required
- Allows removal and reuse of stretch fit belts
- Instructional DVD and storage tray included