



# **INTER-CHINA GROUP**

Established in 1993, JIANGSU INTER-CHINA GROUP has over 30 years of experinence in professional wood working tools. Our Products have earned a great market reputation when widely applied in the furniture industry, cabinate industry, and carpenter & hobby market.

# AUTO TOOLS 2023

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# STEEL

# Category Reference



# **■** BMS001

## Vacuum/ Pressure pump & Brake Bleeding kit

- \* Attach many kinds of joint to fit most kinds of vehicles
- \* Check vacuum/pressure operated automotive components
- \* Can be used to bleed hydaulic system or siphon fluids \* The body is the switch to control two kinds of pressure conditions.
- \* Pressure range: positive pressure.0 to 40PSI;negative pressure.0 to -25inHg





BMS002



# **Brake System** Service Tools

Page 1-2



# **Fuel System Service Tools**

Page 14-16



# **Cooling System Service Tools**



# **Suspension Steering** and Drive Train System **Service Tools**

Page 17-19



# **■** BMS003

## Hand-held Vacuum Pump

- \* Attach many kinds of joint to fit most kinds of vehicles
- \* The body has the switch to control two kinds of pressure conditions
- \* Include the parts of brake bleeder
- \* Pressure range: 0-760mmHg, 0-30 inHg





\* Attach many kinds of joint to fit most kinds of vehicles

\* (2) 1/4" ID x 23" vacuum hose

\* (2) 1/4" ID x 3" vacuum hose

\* (2) Tapered hose adaptors \* T Hose connector

Straight hose connector

\* Universal cup adaptor

\* Brake bleeder valve adaptors

\* 4oz reservoir jar, jar lids



# **Engine & Under Hood Service Tools**

Page 5-13



# Wheel & Tyre **Service Tools**

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BMS004





## **Dual Vacuum/Pressure Pump Kit**

\* Generates either vacuum or pressure

\* Easily bleed brakes and other fluid transfer applications

\* Test automotive vacuum systems and perform engine diagnostics

\* Works on all vehicle makes and models

\* Gauge: 0-30 inHG vacuum, 0-30 PSI pressure

\* Durable steel construction vacuum pump/brake bleeder

Includes 3 master cylinder refill plates with 12 oz. and 32 oz. brake fluid bottle adapters, and 4 sizes of vacuum plugs with various bleeding and diagnostic

Brake System Service Tools INTER-CHINA GROUP

CCS001











BMS005

- \* This hose clamp tool box set works with plastic and metal hose clamps from 11/16 inch to 2 1/2 inches.
- \* 9pcs includes 1\* hose clamp plier 1\* swivel jaw spring wire clip plier 1\* swivel jaw band cliper plier 1\* angled flat band hose clamp plier
  - - 1" hose remover plier 1" click-r collar plier
    - 1\* flat band hose clamp plier 1\* screwdriver

# **25PCS Radiator Pressure Tester Kit** \* Allows easy testing for leakage in radiator system \* Unit is suitable for domestic and import vehicles \* Gauge tests pressure ranges from 0 - 35PSI \* 21pcs. Test Caps for testing cooling systems on most domestic and import vehicles \* Applications: Mercedes Benz, GM, Jeep, Peugeot, Subaru, Chrysler Acura, Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Geo, Suzuki, Isuzu, Honda, Acura, Lexus Volvo, Saab, Citroen, Renault, Fiat, Alfa, Mini Copper, VW, BMW, Ford, Opel,







# 8 PCS Professional Brake Tool Set

- \* Suitable for most domestic and international cars and trucks
- \* Includes: Spring compressor Spring removal tool Brake spring installer Brake retaining spring tool
  2pcs brake adjustment spoons Brake spring pliers Mini adjustment spoon





# Pneumatic Brake Fluid Bleeder

BMS007

- \* Working pressure: 90 120psi
- \* Inlet Size: 1/4"-18 NPT
- \* Fill bottle capacity: 24oz
- \* Oil fluid bottle capacity: 34oz

Adapter Sizes: 1-1/4" – 1-19/32"(32–41mm) 31/32" - 1-1/4"(24-32mm)

1-3/32" - 1-15/32"(28-37mm) 25/32" - 1-7/32"(21-30mm)



#### 18 Pc Disc Brake Caliper Tool Set

- \* For use on most domestic and import 2WD & 4WD vehicles
- \* Use on front or rear brakes
- \* Includes tools and adapters for both right- and left-handed applications
- \* Use on main brake and parking brake systems
- \* Prevents damage to brake piston and boot









Porsche, Audi, Late BMW and Land RoverLate GM and Ford

# 14PC Radiator Pressure Tester Kit

CCS002

- \* Gauge tests pressure ranges from 0 36lbs
- \* Color coded dial gauge allows easy accurate testing of higher pressure caps
- Makes testing cars' higher pressure cooling systems and pressure caps easy
- \* This tester includes a pressure testing pump with gauge and hose, thermometer,4 steel cap adapters and eight anodized aluminum cap adapters
- \* The set also includes a quick-connect adapter to allow use with other cap adapters available on the market.

#### **■ ccsoo**3

#### Heavy-Duty Cooling System Pressure Test & Refill Kit

- \* Remove the complications that often result from unreliable rubber plugs or bladders with our heavy-duty cooling system pressure test and refill kit
- \* Uses shop air to hold continuous pressure in the cooling system during testing and
- \* (5) Quick disconnect vacuum attachments provide quick refilling of the cooling system and eliminate air pockets
- \* For Use With: Freightliner, International, Kenworth, Peterbilt, Mack, Volvo, GMC and Sterling cooling systems

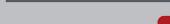




## **ECONOMY MANIFOLD GUAGE SET**

CCS004

- \* Forged Brass Body without Sight Glass
- \* R12/R134A Gauge
- \* 60" Anti-Blowback Yellow Hose (1/2"ACME×1/2"ACME)
- \* 60" Blue, Red hose (1/2" ACME×14x1.5mm)
- \* With two quick couplers(female)



Cooling System Service Tools INTER-CHINA GROUP

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**■** EUS001

Engine & Under Hood Service Tools







#### DELUXE DUAL ALUMINUM A/C MANIFOLD GAUGE SET CCS005

- \* 1pc Anodized Aluminium Manifold(1/4SAE-M) with
- Sight Glass and 2pc R12/R134A Gauge
- \* 3pcs 60"Yellow/Blue/Red Hose(1/4SAE-F×1/4SAE-F)
- \* 1pc Adapter (1/4"SAE-M to 1/2"ACME) for yellow hose
- 2pcs Quick Male Adjustable couplers for blue&red hose

## **Cylinder Pressure Meter For Diesel Truck**

- \* Diesel and petrol engines compression tester set
- \* Flexible hose with proportioned pressure check quick coupling and valve to connect different adapters. Extra pressure release valve between gauge and hose
- \* 0-1000 PSI/0-70 bar Gauge(2-1/2")
- \* With 9 different glow plugs and 4 injector adaptors



## **■ CCS006**

## A/C Compressor Clutch Installer/Remover Kit

\* Replaces clutches found on FS6, C171, 6P & 148 compressors GM R4 & A6, HR-6, DA-6 & V5 A/C compressors, Sanden compressors SD505, 507,510, 575, 708 & 709

\* 2 & 3 hole puller plate fits most clutches, mechanical force does the pulling





#### **Fuel Injection Pump Pressure Tester**

EUS002

- Pressure Gauge: Dual scale range 0-140psi (0-10 bar)
- Fitting & Adapters: Fuel injector tester has a 1/4" SAE female brass fitting at end of the hose, can be inserted directly into the fuel pump's standard Schrader or fuel pressure test port, or installed a tee fitting on to help splice an in-line connection. And there are also M8/M10/M12/M14 adapters for the corresponding test port on fuel rail.







## **CCS007**

- \* Designed for double or single flare in copper, aluminum, soft steel brake line and brass tubing (to 45°)
- \* Chrome swivel, made of alloy steel reduces friction
- \* Forged yoke made of heat-treated steel
- Included 5pcs Adapters: 3/16" adapter; 1/4" adapter; 5/16" adapter; 3/8" adapter; 1/2" adapter



#### **Cylinder Pressure Meter For Diesel Truck**

\* Dual scale pressure gauge. Reading ranges from 0~1000psi or 0~70kg/cm² \* Including many different size adaptors for many car models. Such as Compatible with VW, AUDI ,BMW, VOLVO,MERCEDES-BENZ, FORD, MAZDA, NISSAN, TOYOTA, PEUGEOT and so on.







#### Bubble (ISO) Flaring Tool Kit

- \* Designed for crack-free bubble flares on soft steel tubing used in automotive
- \* Forged steel voke, flaring bar and all the adapters needed for ISO bubble flaring \* Included 4pcs Adapters: 4.75mm adapter; 6mm adapter; 8mm adapter;









#### Vacuum & Pressure Tester Kit

EUS004

- \* Large 4"diameter colour coded easy read gauge with protective rubber bumper and hanging hook
- \* Test Pressure up to 10 psi. Vacuum 0-28IN-HG
- \* Rubber hose and 14mm/18mm manifold adapter.
- \* Test both mechanical and electrical fuel pumps.
- \* Checks for worn or defective parts in fuel pump and vacuum system.

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## Oil Pressure Tester Kit For Engine

EUS005

- \* The pressure gauge uses metal gauge head with shockproof rubber cover, 3" big dial with clear dual scale range 0-100 PSI and 0-7 Bar. Compared to a large range, this oil pressure gauge is easy to read about 1-2 Bar with a
- \* Adapters in sizes of 1/8", 1/4", 3/8" are made of brass, featured with high hardness, rustless, durable and good air sealing.

# **■** EUS009

## **Fuel Injection Pump Pressure Tester**

\* The Fuel Pressure Test Kit has all necessary fittings, hoses, clamps to work on most vehicles. Gauge calibrated from 0-100psi (0-7 bay); Includes Brass fitting 1/8"-27 NPTA1/4"-18NPT, Brass 1/4" Barbed x1/4"-18NPT, Aluminum 1/4" & 3/8 Barbed x 1/8-24NPT, Rubber Hoses 1/4" x 2.5" L, 3/8" x 3.0" L



#### **EUS006**

#### Fuel Injection Pressure Tester Kit

- \* Comes with an instruction, a complete kit including adapters, hoses & fittings, suitable for Chrysler, Ford, GM Jeep, Nissan Toyota & more gasoline cars,
- \* With a scale of 0-140 PSI /0-10 bar scale, the versatile fuel pressure gauge kit boasts dual dials for accurate reading and great precision.





# **Petrol Engine Compression Tester**

EUS010

- \* Fitted with Ø65mm gauge having two scales (psi and kPa), reading from 0-300psi and 0-2000kPa
- \* Includes quick coupling 150mm rigid stem with cone-type adaptor and 320mm flexible adaptor with 14 and 18mm screw in adaptors.





#### **Petrol Engine Compression Test Kit**

EUS007

- \* Thread size: M18X1.5,M14X1.25,M12X1.25,M10X10
- \* Compression tester fitted with Ø63mm gauge reading up to 300psi and I 20kg/cm²
- 400mm Flexible Extension

#### **EUS011**

#### **Oil Pressure Test Kit**

- \* 2-1/2" (80mm) Diameter Pressure Gauge calibrated in PSI or bar with protective
- \* 50" (1300MM) Heavy Duty Professional Quality Hose with hot surface protectors
- \* Pressure held gauge with quick release
- \* Supplied in a case complete with steel adapters, seals and fittings
- \* Oil Pump Pressure Gauge to 140 PSI or 10bar for use with most cars (imports and domestic), trucks, and other motor vehicles, most engines



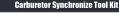


# **EUSOOR**

# **Engine Oil Pressure Tester**

- \* The engine oil pressure tester gauge adopts rubber cover protected 3-1/2" large dial. 0-500ps; and 0-35bar big scale range, suitable for testing big engine. No pressure holding function, return to zero automatically. The 40" long rubber nylon resin hose, is equipped with a 1/8" NPT brass adapter.
- \* Max working pressure: 500psi





**EUS012** 

- \* Each 2" gauge of this motorcycle carb synchronizer tool features 0-76 cm/hg readings, shut off valve and all hardware is high-grade chrome finish.
- \* Includes 4 synchronizer gauges with fixed plates (vacuums) and 4 rubber pipes 8mm x 6mm x 760mm. /Extension and Connec Tubes: includes 4 extension tubes 3.9 x 62mm, 4 tubes 3.9 x 122mm, and 8 tubes with conical type connectors 8mm x 40mm. /Additional Tubes: includes 4 tubes 10mm x 53mm (M6 x 0.75) and 4 tubes 10mm x 60mm (M6 x 1.0).

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**EUS014** 



## Vacuum/Pressure Gauge Kit

EUS013

\* Ideal for testing vacuum lines and components

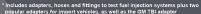
- \* Accurately tests low-pressure fuel systems
- \* Quickly diagnose internal engine problems such as bad rings valves and
- \* Kit comes complete with adapter for most applications.
- \* Pin point hard to find problems such as cracked lines PCV fuel pump fuel filters
- \* Large 3-1/2" gauge and rugged protective outer boot.
- \* Dual purpose gauge reads vacuum and pressure. Dual scale gauge reads 0-30 in. Hg Vac and 0-70 cm Hg also reads 0-15 psi and 0-100 kPa.

#### Built in rear hook allows gauge to be hung at eye level

#### **EUS017 Fuel Pressure Test Kit**

\* Performs running, residual, rail and flow rate pressure tests

\* Professional dual scale gauge reads 0-100psi and 0-700kPa with relief valve and fuel discharge hose and protective rubber boot







### Trans-Eng Oil Pressure Tester

- \* Large 3-1/2 inch 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 to allow gauge to be hung conveniently out of the way
- \* Gauges and hose assembly incorporate quick couplers for easy disconnect



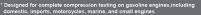






## **Compression Tester**

EUS015



- \* Extra long 25" flex hose gauge assembly with quick coupler
- \* Quick disconnect coupler separates hose from gauge allowing faster,easier connections to the engine
- \* Push-button side release valve allows repeated testing without disconnecting
- \* 10mm,12mm,14mm,18mm and 14mm long reach adapters included
- \* Repair parts kit included
- \* 5" flex Ford Triton 16mm adapter and Deep Well Connector included
- \* Easy-to read 2-1/2 inch gauge
- \* Dual scale gauge reads 0-300 psi and 0-2000 kPa

# M12X1.75 Thread Repair Kit

**EUS018** 

\* Repairs GM drain plug holes with size of M12 x 1.75 \* Oil pan thread repair kit for stripped out threads





#### **■** EUS019 16 Pcs Glow Plug Removal Set

\* For removing broken or damaged glow plugs, removes 8mm and 10mm glow

adaptor, puller outer housing, force screw,force nut, top connection removal tool star socket, allen key, dual-size high-tensile step drill m8 & m10, pilot dril centring sleeves, pilot drills 3.5mm, puller adaptor mandrels







# **EUS016**

#### Cylinder Leakage Tester Kit

- Quickly diagnose internal engine problems such as bad rings valves and leaking
- \* Comes complete with adapters for most applications
- \* Dual 2-1/2 inch gauge and rugged protective outer boot
- \* The scales read 0-100 pounds per square inch and 0-700 kPa.
- Complete with pressure regulated manifold with quick couplers,long flex 24 inch 14 mm hose, and 10mm, 12mm and 18mm thread adapters





## 13 Pieces Bolt Extractor Tool Set

EUS020

- \* All the bolt extractors are precision engineered to easily extract damaged bolts, nuts and screws even if they are stripped, rusted or frozen
- \* Tight grips and won't let go, the internal thread design provides excellent torque, the more you turn, the tighter the socket grips
- \* 13 pieces 3/8 inch drive bolt & nut remover comes with 3/4"(19mm), 11/16", 17mm, 5/8"(16mm), 9/16"(14mm), 13mm, 1/2", 12mm, 7/16"(11mm), 10mm, 3/8", 5/16"(8mm), 1/4"

M6x1.0x10.8mm: 25PC



# **AXLE Spindle Threading Set**

EUS021

\* Axle threads that are damaged or rusted need a specialty tool that can restore them to their former functionality. Our metric axle spindle threading set is your go to for most domestic and import vehicles' axles. Pivot our axle nuts over the threading to restore your axle's quality.

Sizes included M20 x 1.25, M20 x 1.50, M22 x 1.00, M22 x 1.50, M24 x 1.50, M24 x 2.00, 13/16 Inches x 20 UNEF, 3/4 Inches x 20 UNEF, and 27mm



#### **■ EUSO22** 3/8" Drive Diesel Injector Line Socket Wrench Set

\* Flex-head crows feet set includes the following sizes: 3/8" Drive 12mm & 14mm, 16mm, 17mm, 18mm, 19mm.

\* Special crow foot wrench set is ideal for removing flared fixings and softer metals, such as brake, fuel & hydraulic lines.





EUS023

\* 4-in-1 Screw & Nut Remover Kit- Including 6-piece spiral screw extractors: 1#, 2#, 3#, 4#, 5#, 6#; 6-pieces HSS left hand drill bits: 3/32", 1/8", 5/32", 1/4", 9/32", 3/8" and 13-piece bolt nut remover set: 3/4" (19mm) 11/16", 17mm, 5/8" (16 mm), 9/16" (14mm), 13mm, 1/2", 12mm, 7/16" (11mm), 10mm, 3/8", 5/16" (8mm), 1/4" and 1-piece 1/4" extractor extension.





#### EUS024

#### 88PC Thread Repair Set

- \* This Thread Repair Kits can be used in daily repair, car repair, drilling machine, etc. Suitable for engine repair and other automotive applications for steel, cast iron and aluminium
- \* 3PCS Installation Tools \* 3PCS Break Pin Tools \* 3PCS Twist Drills
- \* 1PCS Hex Key \* 3PCS Taps
- \* 75 Wire Thread Inserts: M6x1.0x10.8mm M8x1.25x10.8mm M10x1.5x13.5mm



## **■ EUS025**

#### 131PC Metric Thread Repair Set

- \* This Thread Repair Kits can be used in daily repair, car repair, drilling machine, etc. Suitable for engine repair and other automotive applications for steel, cast iron and aluminium.
- \* 5 Installation Tools \* 6 Break Pin Tools \* 6 Twist Drill Bits
- \* 1 Hex Key \* 5 Taps
- \* 110 Wire Thread Inserts: M6x0.8x6.7mm : 25PC
  - M8x1.25x10.8mm : 25PC M10x1.5x13.5mm : 25PC M12x1.75x16.3mm: 10PC







## 131PC SAE Thread Repair Set

EUS026

- \* This Thread Repair Kits can be used in daily repair, car repair,drilling machine, etc. Suitable for engine repair and other automotive applications for steel, cast iron and aluminium.
- \* 6 Installation Tools \* 6 Break Pin Tools 6 Twist Drill Bits
- \* 1 Hex Key \* 5 Taps
- \* 110 Wire Thread Inserts: 1/4-20: 25PC 5/16-18: 25PC 7/16-14: 25PC

# 3/8-16: 25PC 1/2-13:10PC

# EUS027

#### 25 pcs Screw Extractor/Drill and Guide Kit

- \* Can be used on thread sizes from 3/16" to 9/16" (5mm to 16mm) \* Removes broken fastener without breaking or jamming
- \* Turns broken fasteners out & permits highest torque without expansion
- \* HSS drill bits for long service life
- \* Blow molded case for easy storage and transprot
- \* Material: drill bit: HSS4341 , Screw Extractors : CrV





#### 24PCS Oil Pan Thread Repair Set

EUS028

- \* A comprehensive thread repair kit ideal for repairing sump, gearbox and differential drain plug threads.
- \* Used to tap the damaged thread slightly over size, then fit a new drain plug
- \* Set is suitable for the most popular threads used on cars and light commercial
- \* Tap Sizes: M13, M15, M17, M20
- \* Suitable for Cars / Motorbikes / Trucks and Vans

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# INTER-CHINA GROUP

EUS033

# Engine & Under Hood Service Tools





## Spark Plug Thread Repair Kit M14\*1.25

EUS029

- \* Suitable for repairing spark plug threads 14mm \* 1.25mm, fits for all kinds of products that require high thread strength, complete kit for meeting various needs, designed for quickly and efficiently repairing the damaged spark plug threads
- \* Includes:M14\*1.26 inserts-total length 17.6mm M14\*1.25 inserts- total length 17.5mm M14\*1.25 inserts- total length 11.2mm 1\*tap reamer: M16\*1.25

#### 16Pcs Locking Wheel Nut Master Key Set

- \* Dual head design fits most factory lug wrenches
- \* Cold forged, heat treated, hardened steel construction.
- \* Thin wall design matches your wheel lock diameter to prevent scratching your wheels
- \* Includes: 5-spline 5/8-inch, 6-spline 41/64-inch and 45/64-inch, 7-spline 3/4-inch, 5/8-inch and 11/16-inch, 12-spline 11/16-inch and 13/16-inch.
  - Star Lug-10-point 1/2-inch, 8-point 5/8-inch and 7/16-inch, 9-point 1/2-inch.
  - High Tech Hex Lug -15mm, 9/16, 12mm, Fluted 12mm,



\* Multiple sizes can be used with any drill bit and any size screw or bolt, is the ideal tool for removing broken screws,bolts, studs, fittings, threaded pipes

\* Easy out style spiral flutes embed themselves to increase grip as resistance Extractor sizes and recommended drill bit sizes etched on each tool \* Content: Spiral screw extractors:No1, No2, No3, No4, No5, No6 (CrMo) Screw estractors size: 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 3Gl64", 5/16", 16/52", 17/2". (GrMo) Left hand cobalt drill bits: 5/64", 7/64", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 19/64", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"

35-Piece Screw Extractor/ Drill Bit Set

\* Aggressive left hand design creates extra gripping power



EUS034

#### EUSO30

#### 5-Piece Metric Bolt and Lug Nut Extractor Socket Tools

- \* Use with 1/2 inch square drive wrench to loosen the nut counterclockwise to remove these rusted nuts.
- \* 4-piece larger sized nuts or bolts. And sockets work on SAE/Metric sizes -17MM, 19MM, 21MM and 22MM, include a 12MM drift punch nut removal bar to easily pop a removed nut from your extraction sockets.









# 114Pcs Oil Pan Thread Repair Set

**EUS031** 

Set includes:6 x TAPS: M13 x 1.25P / M13 x 1.5P / M15 x 1.5P / M17 x 1.5P / M20 x 1.5P / M22 x 1.5P

36 OIL DRAIN PLUGS: M13 x 1.25 (x6), M13 x 1.5 (x6),

M15 x 1.5 (x6), M17 x 1.5 (x6), M20 x 1.5 (x6), M22 x 1.5 (x6);

72 x COPPER WASHERS: 24 x M13, 12 x M15, 12 x M17, 12 x M20, 12 x M22;

# **■ EUS035**

#### 25Pcs Screw Extractor Set

- \* Premium chrome molybdenum steel industrial grade extractors are ideal for removing broken screws, bolts, nuts, studs, fittings, threaded pipes and pins and is perfect for any mechanic's tool kit.
- \* Precisely machined aggressive multiplane teeth with left hand spiral design provides extra gripping power and faster threading.
- \* Specially designed hexagon head for applying maximum torque with sockets and wrenches
- \* 25 pieces of extractors from 1/8 inch to 7/8 inch in 1/32" increments and a heavy duty carrying case for storage and organization.







FIISO36

# EUS032

#### 42 Pc. SAE & Metric Thread Restorer Kit

- Suitable for chasing out damaged threads and the removal of nicks and burrs without undercutting good threads. Thread file restores damaged external threads on any diameter, right or left-hand
- \* 21Pes Dies: Inch coarse(NC) sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8". Inch fine(NF) sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8". Metric sizes: Mex1.00, Mex1.26, M10x1.26, M10x1.50, M12x1.26, M12x1.5, M12x1.5, M12x1.5
- \* 19Pcs Taps: Inch coarse(NC) sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16". Inch fine(NF) sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16". Metric sizes: M6x1.00, M8x1.25, M10x1.25, M10x1.50, M12x1.25, M12x1.5,
- \* 2Pcs Thread Files SAE size: 9,10, 12, 16, 20, 27, 28, 32 and SAE size: 11, 12, 13 14, 16, 18, 20, 24













# Sementine Relt Tool Set

Use on Ford, GM, Chrysler, SAAB, VW, Volvo and other models with Serpentine

- Fits tensioner pulleys with 13mm-16mm, 18mm hex or 3/8" and 1/2" square
- 13mm and 15mm 12-point wrenches built into the handle.
- Kit including: 13mm Crowfoot GM Quad 4 engine 14mm Crowfoot Saturn engine 15mm Growtoot - Ford Windstar with 3.8L engine 13mm Socket - GM Quad 4 engine 14mm Socket - 1.9L Saturn 15mm Socket - some GM and Chrysler 15mm Socket - 4.0L Ford 18mm Socket - 6.0M 300 engine 3/8" Square Drive Socket - 3.1L GM 1/2" Square Drive Socket - late model GM and Ford

3/8" Square Drive Socket - 3.1L GM - 1/2 Square Drive Socket - 3.8L Ford Short Extension: 15mm Socket - 3.3L Chrysler; 16mm Socket - 3.8L Ford Long Extension: 15mm socket - 3.3L Chrysler;16mm socket - 3.8L Ford Serpentine Belt Holder: (Length: 590mm) 13mm Socket - late model GM Quad 4 engine; 16mm Socket - 3.8L Ford

3/8" Bolt (connects serpentine belt holder to extension)



## **30Pcs Cap Oil Filter Wrench**

FHS001

- \* Fit the most popular domestic and import vehicles \* The oil filter socket set is used to remove and install
- \* the fuel filter cap when replacing the old one \* Set includes 30 low profile sockets in sizes



5pcs Oil Filter Swivel Wrench Set



FHS003

\* Ergonomic non slip grip ensures comfortable working in narrow places and provides better safety. \* Mini size: 2-3/4" - 3-1/4" (68.85-82.65mm), Small size: 3-1/2" - 3-3/4" (88.9-95.26mm), Medium size: 4" - 4-1/2" (101.6-114.3mm), Large size: 4-3/4" - 6-1/4" (120.65-133.35mm).

12" Adjustable Oil Filter Pliers, Fits filters from 2-3/4 to





#### **Oil Filter Wrench** FHS005

- \* Heavy duty spring steel construction
- \* Long handle for easy reach
- \* New inside gripper bumps to prevent slippage
- \* Option range: 3-7/16" 3-3/4"(88-95mm)
  - 2-7/8" 3-1/4"(73-82mm) 2-1/4" 2-3/4"(57-69mm)



#### **10PCS Cap Oil Filter Wrench** FHS002

- \* Built-to-last heavy duty carbon steel construction \* Use with 3/8" de.ratchet

65/67MM-14F、68MM-14F、74/76MM-15F、76MM-30F、 76MM-14F × 80MM-16F × 86MM-16F × 93MM-16F × 93MM-36F 100MM-15F Adaptor 1/2(F) to 3/8(M)



## **6PC Cap Oil Filter Wrench**

- \* Six wrenches with a total of eight different sizes to fit the most popular domestic and import vehicles
- \* Built-to-last heavy duty carbon steel construction
- \* Fits 3/8 in. drive ratchet
- \* Size:65/67MM-14F,74/76MM-15F,80MM-15F, 93MM-36F, 76MM-14F.93MM-15F



# **Oil Filter Wrench**

**FHS006** 

- \* Automatic clamping action
- \* Sturdy steel construction
- \* Vinyl grip handle for added comfort
- \* Option range: 57-70mm 73-83mm

  - 87-95mm



#### **Oil Filter Wrench** FHS007

- \* With swivel handle
- \* Easy grip vinyl handle
- \* Wide dimpled band securely grips filter without crushing

  \* Option range: 73-83mm 89-98mm 102-111mm
  2-3/8"-2-5/8"(60.3-67.7mm)
  - 2-3/8 -2-5/8 (60.3-67.7mm 2-3/4"-3-1/4" (70-82.5mm) 3-7/16"-3-3/4" (87-95mm) 4-1/8"-4-1/2"(104-113mm)



# **FHS009**

# Oil Filter Wrench Jaw Grips

- \* Fits 2-1/4" 4"(57-102mm)
- \* Gets into tight spots to break tough seals
- \* Spring loaded for ease of use
- \* Short handle for maneuverability

#### FHS008 **Heavy Duty Oil Filter Wrench**

- \* With swivel handle
- \* Easy grip vinyl handle
- \* Wide dimpled band securely grips filter without crushing
- \* Fits extra larger size filters
- \* Option range: 4-1/8" to 4-1/2" (104-113mm) 5-1/4" to 5-3/4"(133-146mm)



#### **FHS010 Oil Filter Wrench**

- \* Jaw teeth for sure grip
- \* Soft grip comfort handle
- \* Option range: 2 " to 3-1/4", 1-7/8" to 4"



# **FHS011**

# 3-Leg Two Way Oil Filter Wrench

- \* Includes 1pc 3/8" to 1/2" Drive Adapter, CrV material
- \* The surface finishing is mirror chrome plated
- \* Range 2-2/5" to 4-9/10"





# **FHS012**

3-Leg Two Way Oil Filter Wrench

\* Fits Oil Filters From 2-1/2" to 4-1/3" (63.5mm to 110mm) \* Use with 3/8" + 1/2" ratchet



**FHS014** 

# Extra Large Two Way Adjustable Filter Wrench FHS013

- \* Range 2-1/2" to 4-1/2" (63.5 114.3 mm)
- \* Removes hard to get at filters \* 3/8" Drive
- \* Includes 1pc 3/8" to 1/2" Drive Adapter



# Large Adjustable Oil Filter Wrench \* Range 3-1/8" to 3-7/8" (79.4 - 98.4 mm)

\* For removal of oil filters only \* 3/8" Drive



# **Oil filter Drain Wrench**

**FHS016** 

\* For Toyota/Lexus

\* Size: 14Flutes x 64.5mmx3/8" drive



Small Adjustable Oil Filter Wrench

\* For removal of oil filters only

\* 3/8" Drive

\* Range 2-1/2"- 3-1/8" (63.5-79.4 mm)

FHS015





**FHS018** 

# 12 Inch Chain Wrench

FHS017 \* Range 50-110mm

- \* Chain wrenches are designed for working in tight areas where ordinary pipe wrenches won't fit. 12 Inch chain wrench for easy portability.
- \* Adjustable chain length for a secure grip on objects from 1/2" to 4-1/2".





# 9" Strap Oil Filter Wrench

- \* Drop forged, heat-treated
- \* Strong nylon belt
- \* Adjusts quickly to any spin-on filter





## **■** SSD001

**Ball Joint Service Tool Set** 

- \* Special designed for the removal and installation of press fit parts. Such as ball joints, universal joints and truck break anchor pins, without having to resort to
- \* It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.
- \* C frame Carbon Steel, drop forged, heat treatment, HRC 36-38
- \* 3pc receiver tubes: 2-3/4" ID x 3" OD; 2-1/4" ID x 2-1/2" OD; 1-3/4" ID x 2" OD





## Ball Joint Service Tool Set And Master Adapter Set

- \* Removes and replaces ball joints
- \* C frame press alone can be used to remove and replace universal joints
- \* Set includes all the receiver tubes and removing/installing adapters needed to work on press-fit upper and lower ball joints on most GM, Ford, and Dodge 2 and 4 wheel drive pickups, vans and sport utility vehicles through 1997
- \* Also included live center forcing screw plug
- \* C frame Carbon Steel, drop forged, heat treatment, HRC 36-38

## SSD003

#### Master Ball joint Adapter Set

- \* Includes all the receiving tubes and removing/installing adapters needed to work on most GM, Ford and Dodge 2-wheel and 4-wheel drive pick-ups, vans and sport utility vehicles through 1997
- \* Work on press-fit upper and lower ball joints
- \* Set includes live center forcing screw plug



SSD004



## 14PC Bearing Separator Set \* Drop forged and heat treated

\* Bearing Separator & Bolt 1 set Cap 2"

- \* Bearing Separator & Bolt 1 set Cap 3"
- \* K4 pcs-Main Rod
- \* 4 pcs -Extension Rod
- \* 1 pc-beam
- 1 pc-Center Bolt
- 2pcs puller jaws
- Black oxide finished and chrome plated for durability.

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# Stinger Blind Hole Bearing Puller Set

SSD005 |

- Stinger Blind Hole Bearing Puller Set For pulling jobs requiring an internal pull, such as pilot bearings
- \* Set includes four collets which fit a wide range of applications.
- \* Select the appropriate sized collet by comparing it with the application
- Insert the collet, expand it to fit the hole, then attach the slide hammer assembly.
- Four collet : 3/8" to 1/2", 9/16" to 11/16", 5/8" to 1", 1" to 1-1/4"
- Set includes a 0.9KG slide hammer with T-handle

# **SSD009**

# **Strut Spring Compressor**

- \* Compresses the coil spring to replace the shock absorber unit or spring
- \* Allows for repairs on bent struts, strut tubes and damaged pieces
- \* Safely and easily compresses the coils from their sides. \* Features locking pins for added safety.
- \* Drop-forged 45# carbon steel construction.





#### 5 Pcs Front End Service Tool Set

STEERING WHEEL REMOVAL

- \* Forged Carbon Steel
- \* 2Pcs Pitman Arm Pullers for large or small ball joint applications.
- \* 2Pcs Ball Joint Separators
- \* 3Pcs different Tie Rod Pullers.





















# Steering Wheel Remover Set

SSD007

- Includes: Steering Wheel Puller, 6 sets of Cap Screws, Steering Wheel Lock Plate Compressor.





- \* Used to remove shock linkage, tie rods and ball joints
- \* Includes: 11" x 1-1/8" fork spread5, M12x1.75mm 11-3/4"x1-5/8"fork spread 11-5/8"x1-7/16" fork spread 16"x11/16" fork spread
  - 16"x15/16" fork spread





## **Macpherson Strut Spring Compressor**

SSD010

- \* Professional Multi Use MacPherson Interchangeable Fork Spring Compressor
- \* Compresses all types of MacPherson style coil springs front and rear. \* Includes three sets of jaws: 2 each of 65-125mm, 88-160mm and 126-212mm

#### **SSD011** Inner Tie Rod Removal Set

- \* Made for use with inner tie rod ends, as well as rack and pinion assemblies
- \* This kit is not for use with "Saginaw" type rack and pinion assemblies
- \* These tools should not be used with power tools, but used only with a hand wrench
- \* Designed for working in cramped conditions where sockets and wrenches just won't work or fit
- \* This kit features a quick slide collar to secure the crow's feet, and includes 1 long socket removal tool, and sizes 1-1/2in, 1-7/16in, 1-3/8in, 1-5/16in, 1-1/4in, 1-3/16in, 33.6mm, 32.5mm, and 29mm





## Harmonic Damper Pullev Puller Kit \* Quickly remove pressed-on harmonic balancers with a single retainer bolt.

- \* 3-Jaw Puller: 2½" (69.3 mm) Jaws Forcing Screw: ½" (24 mm) Hex 4 Forcing Rods: 3½" (88 mm), 5½" (132 mm), 6½" (159 mm) , 7½" (193 mm)
- Works for dampers and balancers in a wide range of domestic and import vehicles, including Gadillacs since 1988, Chevrolet trucks since 2030, 1990 Chryslers, Fords since 1995, GM Generation II engines, the 1995 Mitsubish

SSD012



# 50Pcs Custom Bush/Bearing/Seal Driver Set

WTT001

- Master deluxe custom bush, bearing and seal driver allows you to build your own custom bushing driver so you always have the right size for the job
- \* The discs go from 18mm(45/64") all the way to 65mm (2- 9/16") in 1mm increments plus 2-29/32" 74mm
- All discs are connected with a 12mm shaft and screw which quickly connects
- All 50 pieces are interchangeable with each other so you get 2450 different size variations in one set so you will do the job quickly, professionally and promptly. Can remove or install bushings that are flush with the housing

## **■ WTT005**

#### **Bearing Race & Seal Driver Set**

\* Makes It Easier To Insert Wheel bearing Race And Seals Without Damage To Race And Axle Housing

\* This Master set includes nine drivers to fit most standard wheel bearings. Turn discs over to drive seals.

\* Contains:1.565"/39.5MM 2.325"/59.0MM 2.83"/72.0MM 1.75"/44.5MM 2.47"/63.0MM 2.995"/76.0MM 1.966"/60.0MM 2.656"/66.0MM 3.18"/81.0MM. Handle





# WTT002

#### **FWD Front Wheel Bearing Adapters**

- \* Remove replace front wheel bearing with steering knuckle and strut assembly
- \* That makes the whole job easier and eliminates the need for a front end alignment after service work is done
- \* Use with a slide hammer and front hub puller
- \* Work on both domestic and import front wheel drive cars and light trucks



# Front Wheel Bearing Adapters

WTT003

\* Remove and replace front wheel bearing with the steering knuckle and strut assembly still on the vehicle

For front wheel drive cars and light trucks

Packed in a blow mold case for easy transport and storage



# 17 Pcs Metric Bushing Driver Set

WTT006

- \* Kit includes 3 aluminum handles
- Kit includes 14 aluminum metric bushing adapters
- \* Metric kit for Motorcycles, Asian and European vehicles
- \* Aluminum construction will not mar surface or affect bushing tolerance to ensure engine, transmission or hub performance
- \* Saves the technician time with precise fit adapters

adapters: 10-12mm, 12-14mm,14-16mm, 15-17mm, 16-18mm, 18-20mm, 20-22mm, 22-24mm, 25-27mm, 28-30mm, 30-34mm, 32-36mm,35-40mm, 38-42mr

\* Aluminum construction will not mar the bushing or affect the bushing tolerance which is critical for proper performance of the engine, transmission

#### ■ WTT007 Rear Axle Bearing Service Set

- \* Allows for easy removal of semi-floating rear axle bearings
- \* Set works on most domestic cars
- \* Set includes the following sizes to fit main bearing tube I.D.: 1" to 1-78",1-5/16" to 2-3/8",1-3/8" to 2-7/8"





# Extra Large Custom Built Bush/Bearing/Seal Driver Set

- \* Select the required sizes and assemble your driver tool
- \* Discs are connected with a shaft and screw which connects to the driver handle
- \* Build to suit the required seal bush or bearing job
- \* Discs size: 70mm through to 150mm in 5mm increments
- \* All discs are connected with a 70mm shaft and screw which quickly connects to a 10 ¾" x ¾" handle for quick tool change and easy access



# **6 PCS Spindle Nut Socket Set** \* For use with 1/2" square drive tool



- \* For many 2 wheel and 4 wheel drive light truck applications
- \* Includes 4x4 spindle removing socket
- \* Includes Toyota locknut wrench
- Not for use with impact wrenches Replacement part availability





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WTT008