



BATTERY SERIES



PB61224

POWER BOOSTER (12V/24V)

- Switchable DC12V & DC24V
- Built-In 2pcs of DC12V 17A sealed rechargeable lead-Acid batteries.
- 10A fuse protection
- Output from clamp :Depend on 12V/24V switch position.
- output from socket :DC 12V Only.
- Capacity testing :turn the switch to DC12V.
- Charge method :turn the switch to DC12V. When charge with adaptor / cigarette plug.



WP127

POWER STATION

- Put the red clamp on positive level (+)
- Put the black clamp on negative level (-)
- Jump start car.
- After the car restart ,remove black & red clamps.

Charger

- Booster plug in car charger socket or house electric socket till indicator LED green light turned on the charge is completed.
- After using 2-3times or 2 month, please recharge this booster.
- The suggestion this battery has to charge every 2 months (it make sure the battery well and has a lasting battery life.)

Caution

- Red & black Clamps do not put together and have to away to each other.

Specification :

Voltage : 12volts

Max, Current : 500A

Weight : 3.3kgs

Material : Lead calcium batteries, plastics



WP128

POWER STATION

Rescue:

1. Place the red clip and clamp the battery positive (+).
2. Clamp the battery negative (-) with the black clip.
3. Start your car.
4. Start, you can remove the red, black clip.

Charging:

1. Charger plugged into the RCA charging hole to charge, charge to full green light is lit, that is to complete the charge .Charging time should not exceed 24 hours.
2. When the unit is not used for two months, please recharge.
3. Full charge at any time, can make the machine longer life (a long time without charging will cause WP128 battery damage).

Output operation:

1. WP128 front RCA output hole, you can use 50W of the output.
2. WP128 positive USB output hole, you can use 5V2A 3C products for charging use.
3. WP128 cigarette lighter behind the mother seat, can be connected to various types of vehicle equipment can output 10A.

Weight: 5 kg

Charging voltage: AC 100-240 volts

Battery Specifications: Sealed Battery - DC 12V 14 amps

Contents: host 1, 12V1.6A charger 1, car charger line 1



TRTS6223

23PCS TERMINAL RELEASE TOOL SET

- Special design to release terminals from the plastic connectors without damaging either.
- Release terminals on most body wiring connectors.
- Applicable : Suitable for most vehicles.

*Picture shown are for reference only



IBA300 **INNOVATED BATTERY ANALYZER**

- Works on 12volt CF/CMF, VRLA/GEL, AGM, CAL/CAL and SOIRAL Spiral and batteries.
- Conducts 4 tests on batteries and vehicle electrical system-Battery Test Starter Test, Alternator Test and Maximum Loading Test.
- Test results can be printed out by the build-in Mini Thermal Printer. Testing date and car Number can inputted manually.
- 100 cm long test leads st provides users easy in use.
- Reverse polarity is protected.



BT101T **TRISCO BATTERY TESTER**

- Battery impedance tester for 12-Volt wet & batteries.
- Battery can be tested at engine-running, engine-off and out-of-vehicle of-vehicle.
- Safe & simple - straightforward operations with non-language dependent display caters for users of diferent nationality.
- Reliable & quality - impedance measurement technology gives real time computations with precise measurement.
- No internal battery required with polarity protection in case of wrong connections.



BT101S **SUPER-LITE BATTERY TESTER**

- Suitable for 6V / 12V lead acid batteries.
- Compact and portable, ideal for garages and fleet users.
- Strong yet lightweight steel construction with
 - With integrated handle and clamp holders.
 - Easy and saft to use. No Sparking.
- Hold load on 10 sec. (Maximum)



DC12 **SUPER-LITER BATTERY TESTER**

- 12V battery tester is designed for fast and accurate monitoring of battery condition.
- Heavy duty insulated battery clamps are selected to ensure safe and proper application.
- Automatic overload cut-off.
- 10Sec (manimum).



DAM128 **DIGITAL AUTOMOTIVE METER**

- The Max Display Valve : 3200counts, Accuracy rating $\pm 0.5\%$
- R.P.M : 600~3200/6000~12000 rpm
- Dwell Angle : 4, 5, 6, 8, Cyl
- Working Duty% : 0~90%
- AC/DCV : 0~600V
- Electric Current : 0~10A
- Electric Resistance : 320~30 M Ω
- Frequency : 10~32 KHZ
- Temperature : -30~750



STM1205 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 1 x 12Vdc
- Charging current : Max 5amp (Low & High Select)
- Safety Protection : Input fuse 2Amp, Output fuse 7Amp
- Dimension (mm) : 160W x 220D x 120H
- Weight : 3.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM1210 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 1 x 12Vdc
- Charging current : Max 10amp (Low & High Select)
- Safety Protection : Input fuse 2Amp, Output fuse 15Amp
- Dimension (mm) : 160W x 220D x 120H
- Weight : 4.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM2410 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 2 x 12Vdc
- Charging current : Max 10amp (Selectable)
- Safety Protection : Input fuse 3Amp, Output MCB 16Amp
- Dimension (mm) : 240W x 270D x 160H
- Weight : 8.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM2420 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 2 x 12Vdc
- Charging current : Max 20amp (Selectable)
- Safety Protection : Input fuse 5Amp, Output MCB 25Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 16.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM4810 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 4 x 12Vdc
- Charging current : Max 10amp (Selectable)
- Safety Protection : Input fuse 5Amp, Output MCB 15Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 16.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



BATTERY SERIES



STM4820 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 4 x 12Vdc
- Charging current : Max 20amp (Selectable)
- Safety Protection : Input fuse 8Amp, Output MCB 25Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 22.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM9610 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 8 x 12Vdc
- Charging current : Max 10amp (Selectable)
- Safety Protection : Input fuse 7Amp, Output MCB 15Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 25.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM10810 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 9 x 12Vdc
- Charging current : Max 10amp (Selectable)
- Safety Protection : Input fuse 7Amp, Output MCB 15Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 26.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



SE300 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 2 x 12Vdc
- Charging current : Max 10amp (Adjustable)
- Safety Protection : Input fuse 2Amp, Output MCB 16Amp
- Dimension (mm) : 240W x 270D x 160H
- Weight : 10.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



SE220 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 12- 24Vdc
- Charging current : Max 20amp (Adjustable)
- Safety Protection : Input fuse 5Amp, Output MCB 25Amp
- Dimension (mm) : 340W x 330D x 300H
- Weight : 16.5kg

Caution!! Do Not Spark The Battery Clip When Operation.

*Picture shown are for reference only



SE715 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 12- 84Vdc
- Charging current : Max 15amp (Adjustable)
- Safety Protection : Input fuse 10Amp, Output MCB 20Amp
- Dimension (mm) : 580W x 320D x 485H
- Weight : 39.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



SE915 BATTERY CHARGER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 12- 108Vdc
- Charging current : Max 15amp (Adjustable)
- Safety Protection : Input fuse 15Amp, Output MCB 20Amp
- Dimension (mm) : 580W x 320D x 485H
- Weight : 44.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



STM2460 BATTERY CHARGER / ENGINE STARTER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 2 x 12vdc
- Charging Power : 350amp
- Charging current : 1 - 60amp (Adjustable)
- Output : 12V Start - 4.2kw / 24V Start - 8.4kw
- Weight : 50.5kg

Caution!! Do Not Spark The Battery Clip When Operation.



S450 BATTERY CHARGER / ENGINE STARTER

- Input voltage : 220Vac - 240 Vac (1 Phase 50HZ)
- Charging voltage : 2 x 12vdc
- Charging Power : 450amp
- Charging current : 1 - 60amp (Adjustable)
- Output : 12V Start - 5.2kw / 24V Start - 10.4kw
- Weight : 37.0kg

Caution!! Do Not Spark The Battery Clip When Operation.



CLT6016 CAR LIGHT TESTER

- Sharp probe tip covered with brass protection cap, check function of car lights faster and easier.
- Check range : 6-12, 24V



CT6228 ELECTRIC CIRCUIT TESTER

- Power on type tests 6, 12, 24V circuits.
- For wire breakers, short, fuses, lamps, replays armatures, etc.
- 4" inspection probe with point cover.
- 36" long 16gauge wire alligator clip.



CT6226 CIRCUIT TESTER

- Safety tests standard primary automotive circuits and on-board computer controlled electrical systems without damaging the micro-processor.
- Operates from 3-15 volts.
- Includes probe adapter for testing famela connectors.
- Supplied with 48" ground wire.



CT6229 LED HEAVY DUTY CIRCUIT TESTER

- High Impedence tester protects computer circuitry,
- Services 6, 12, 24 Volt systems.
- Dual color LED indicates red for power (high) and green for ground (low).
- Heavy -duty probe.
- 6' (1.8M) long heavy-duty 18 gauge dual leads with battery clips and spring strain relief.
- High-impact plastic body.



CC6348 CAR CHECKER

- Automotive voltage tester, not to be used in household appliances.
- Voltage range : 3-48 volts



SPWT6270 SPARK PLUG WIRE TESTER

- Quickly locate faulty plug wires. No shock hazard.
- Now you can check spark plug wires without piercing the wires.
- Light flashes indicating sound wire.



SGT6810 ADJUSTABLE IGNITION SPARK GAS TESTER

- Provides instant diagnosis of ignition problems whether a faulty coil, ignition wire of spark plug.
- Plugs into coil to measure jump of spark from 0 to 40,000 volts.
- Works hands-free and can be use as a troubleshooting tool for road tests.



BATTERY SERIES



BC-HD HEAVY DUTY BATTERY CLAMP

Item Code	Capacity
BC-HD	300 Amp
BC-HD	300 Amp



BFT1100 BRAKE FLUID TESTER

- Finally know when you need to replace your brake fluid.
- Moisture is the enemy of your brake system as brake fluid absorbs moisture.
- Takes the guessing game out of determining how much moisture is in the system.
- Inexpensive tool for checking the brake fluid in all your vehicle.
- Determines if the fluid needs to be changed or not.
- 3 LEDs make it easy and takes only seconds.



BC75 75MM BATTERY CLAMP



BAC6037 CAR BATTERY & ALTERNATOR CHECKER

- Led indicators verify condition of battery and alternator.
- Suitable for 12V DC systems.
- Magnetic backing sticks to metal surfaces for hand-free operation.



JC15HD 300AMP JUMP START BOOSTER CABLE SET

- Two pair Red & Black heavy duty battery clamp.
- 16ft 300Amp heavy duty jump start cable.



IT6517 INFLARED THERMOMETER

- Laser ON/OFF ; °C/°F Selection
- Changeable between 1/8" and 1/2"
- Resolution: 0.1° (0.1°)
- Accuracy : ±2°C / ±2%
- Distance Sport Ratio : 12:1
- Emssivity : 0.95 (Pre-Set)
- Response time & Wavelength : 500ms & (8-14um)
- Infrared Thermometer : -32°C ~ 360°C
- Auto Poer Shut Off
- AAA x2 Battery Operation



BB6911 METAL CASE BATTERY BRUSH

- Designed of cleaning the battery terminals.
- You can use on both sides.



CT202B CRIMPING TOOL

- Applicable: Use with the automotive terminals and open barrel termianls.

*Picture shown are for reference only



AFT6901 ANTIFREEZE TESTER

- Avoid winter freeze-ups and summer boil-over.
- Test all permanent (Ethylene Glycol) solutions with radiator hot or cold.
- Two scale show freeze point of radiator solution and boiling point of summer coolant.



DTS4404 4PCS DISCONNECT TOOL SET

- Used on 1981 the current Ford cars and pickups having spring lock connection on the A/C system
- For 3/8", 1/2", 5/8 & 3/4" Couplers.



DTS4407 7PCS DISCONNECT TOOL SET

- Easily disconnects air conditioning lines and quick connect fuel lines.
- Size include : 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" & 7/8"



DTS4408 8PCS DISCONNECT TOOL SET

- All the disconnect tool , you need to work with spring locking coupling, fuel line and transmitting cooler lines.
- Contents :
Aluminium disconnect tool :
- 1/4" (Black), 5/16" (Red),
- 3/8" (yellow), (Blue).
Two ends disconnect tool : 5/16" - 3/8"
Long disconnect



DTS4409 9PCS DISCONNECT TOOL SET

- All the tool you need to work with spring locking coupling, fuel line, and transmission cooler line.
- Contents :
Spring locking tool : 3/8" (Red), 1/2"(Blue), 5/8"(Black), 3/4"(White) Fuel



SDT4011 AIR COND SPRING DISCONNECT TOOL

- Special design for removing the spring lock coupling in A/C system.
- Two tools in a set for the different size of coupling .
- Applicable : TOYOTA After 2000



**Picture shown are for reference only*



HM-T BATTERY HYDROMETER

- Test the battery in seconds.
- Color-coded float for easy reading.



MGK6134 R-134A MANIFOLD GAUGE KIT

- Inclosed adjustable coupler.
- R-13A sight glass manifold with three 60" color-coded hose.
- With sight glasses.
- High pressure : 0~500psi (0~35kg/cm)
- Low pressure : 0~350psi (-1 ~ 20kg/cm)
- Vacuum : 0 ~30 in/hg



QC6134R QUICK COUPLE

- Inclosed the high side and low side coupler.
- The valve core puller is adjustable to fit the different valve core.



LD455 LEAK DETECTOR

- Detects Halogen leak, such as R134A, R12, R410A, R22 and R660 etc.
- Monochromatic LED display with six-level leakage alarm.
- Convenient and fast reset function.
- Real-time flexibility with vari-speed adjustment.
- Rtricolor battery voltage display.
- Two Alkaline batteries.
- 14-inch flexible stainless probe.
- Quality sensor that can detect finely-leaked halogen gases.



PW6899 COMPRESSOR CRANKSHAFT PULLEY WRENCH

- To fix A/C compressor crankshaft pulley and be convenient to install .
- There are 2 models of 4 clutch hub remover in this tool kit.
- Some removers also can install the clutch hub.



CRK6189 A/C COMPRESSOR CLUTCH REMOVER KIT

- These tools are designed to remove the clutch hub of compressor.
- There are 2 models of 4 clutch hub remove in this tool kit.
- Some removers also can install the clutch hub.



BATTERY SERIES



EE270

ELECTRIC ENGRAVER

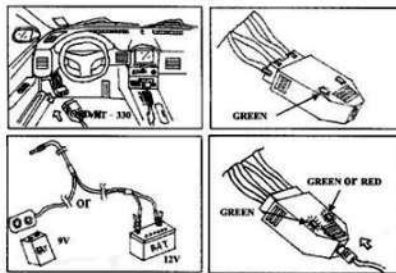
- Creative Engraving on metal, glass, wood, plastic, ceramics, leather.
- Protect valuables by engraving your social security number.



APS6869

12V AUTOMOTIVE POWER SUPPLY

- This 12 Volt automotive power supply is used to avoid the loss of memory during the battery replacement.
- Power supply : 12V battery (recommended) or 9V battery.
- Function : LED display, mis-connected Protection, low battery capacity alarm.
- Application : Vehicle equipped with OBD II connector.



MLL6606

MAGNETIC LED LAMP

- Power Bank LED working lamp over view.
- Power bank can be detached solely for mobile devices.
- Magnetic base allows LED light rotating in...
- 360 Degrees free rolling.



IWL3018DC

DC INSPECTION WORKING LAMP

- Smart Design.
- Reverse polarity protection.
- Swivel Hook For Easy Use.
- On-off switch on housing for power control.
- Voltage : 12V (DC)
- Lamp : 18W (DC) Fluorescent bulb (4pin)
- 16" Cord with 12 volt clip.
- Battery clip included
- Wire Length:18ft



IWL3018AC

AC INSPECTION WORKING LAMP

- Smart Design
- Reverse polarity protection.
- Swivel Hook For Easy Use.
- On-off switch on housing for power control.
- High quality disposable handlamp with transparent cover.
- Voltage :AC220-240V. AC60HZ
- Lamp : 18W (AC) Fluorescent bulb (4pin)
- Wire Length:25ft

*Picture shown are for reference only



MB6001

BENZ REAL WHEEL BEARING REMOVER / INSTALLER (W140, W126, W124)

- Used for R & R rear wheel bearing located in wheel carrier.
- This tool can also be used to install the rear axle shaft flange.
- Applicable: Model W140, W126, W124



MB6002

BENZ REAR WHEEL BEARING REMOVER / INSTALLER (W210)

- Used for R & R rear wheel bearing located in wheel carrier.
- This tool can also be used to install the rear axle shaft flange.
- Applicable: Model W210



MB6003

BENZ REAR WHEEL BEARING REMOVER / INSTALLER (W202, W170)

- Used for R & R rear wheel bearing located in wheel carrier.
- This tool can also be used to install the rear axle shaft flange.
- Applicable: Model W202, W170



MB6004

BENZ BUSH REMOVER / INSTALLER (W140, W124, W201, W129, W210)

- Removal and replacement tool for metallic bushes on rear axles.
- Applicable: W140, W124, W201, W202, W129, W210



MB6005

BENZ BUSH EXTRACTOR (W124, W201)

- For replacement of the differential mounting metallic bushes in the rear sub-frame.
- Replacement of the mounting bushes without removal of the differential.
- Applicable: W124, W201

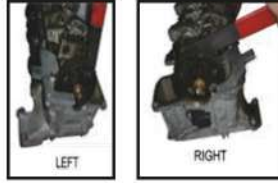




MB6006

BENZ CAMSHAFT ALIGNMENT TOOL (M112, M113)

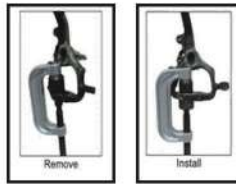
- Holds the camshaft in 40 degree. TDC position (left / right side)
- Applications: Benz M112, M113.



MB6007

BENZ BALL JOINT REMOVER / INSTALLER (W220, W211, W230)

- To remove and install front lower control arm ball joint with the special C clamp.
- Using on car.
- Application : BENZ W220, W211, W230



MB6009

BENZ INJECTOR NOZZLE PULLER (OM611,,612, 613)

- 8pcs Professional Master Diesel Injector Extractor Set With Common Rail Adaptor Slide Hammer Injection Puller CDI Tool Kit Set.
- This high quality tooling is designed for the removal of stuck and seized injectors.
- Applicable: BENZ CDi 611, 612, 613, 646, 647, 648 etc diesel engine.
- Total length : 350mm (L)
- * Contents:
M17 x 1.0 adaptor
M27 x 1.0 adaptor
M12 x 1.75 adaptor



MB6010

BENZ ALIGNMENT TOOLS SET (M271)

- This retaining device makes it possible to position the camshafts in the installed position.
- Retainer to draw in the timing chain. To retain timing chain with camshaft sprockets in mesh
- Applicable : Benz M271



MB6011

BENZ TIMING TOOLS SET (M270/274)

- Part of the laser tools engine timing tool range for Mercedes Benz.
- Specifically designed for vehicles fitted with the chain driven 1.6/2.0 direct injection petrol engine.
- Application : Mercedes Benz M133, M270, M274. These engine are found in the late A class, B class CLA, C Class and E class vehicle.

**Picture shown are for reference only*



MB6111

BENZ REAR WHEEL BEARING REMOVER & INSTALLER (W124, W129, W201, W202)

- This precision machined tools is used for removing and replacing the rear wheel bearing found on Mercedes Benz rear axles .
- This tool is also used for the installation of the rear axle flange.
- Applicable : W124, 129, 201 & 202.



MB6112

BENZ SEAL TOP AIR SUSPENSION STRUT (W220)

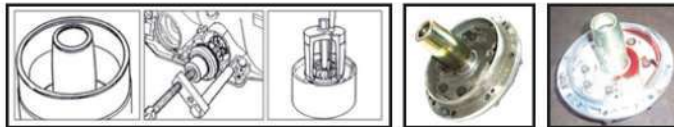
- This tool is for changing the top seal in air suspension.
- Fix suspension strut to a vise.
- Set 3 legs onto stub bolts in strut.
- Drive the contour forcing screw to compress the seal cup and replace the seal.
- Application: BENZ W220



MB6113

BENZ SLEEVE, ASSEMBLY DEVICE & ASSEMBLY FIXTURE

- (1) For circlip on spring retainer of clutch K1 and K2.
Applicable : Transmission 722.3, 722.4 & 722.5.
- (2) For brake band piston B1.
Applicable : All MERCEDS models 722.1, 722.3, 722.4 & 722.5.
- (3) For installing reverse gear piston K1 and K2 into external disc carrier.
Used in conjunction with tool number #M8903.
Applicable : Transmission 722.3 & 722.5.
- (4) For installing reverse gear piston in front cover.
Applicable : Transmission 722.3 & 722.5.
- (5) For installing reverse gear piston in front cover.
Applicable : Transmission 722.4.



MB 6114

BENZ SLEEVE, ASSEMBLY DEVICE & ASSEMBLY FIXTURE (722.6)

- Sleeve for installing reverse gear piston in front cover.
- Assembly fixture for circlip on spring retainer of clutch k1 and K2
- Applicable: transmission 722.6





MB6115

BENZ SLEEVE (722.3, 722.6)

- For installing reverse gear piston in front cover.
- Assembly fixture for circlip on spring retainer of clutch K1 and K2.
- Applicable: transmission 722.3 & 722.6



MB6116

BENZ SLEEVE (722.3, 722.5)

- For installing reverse gear piston K1 & K2 into external disc carrier.
- Application transmission 722.3 & 722.5



MB6117

BENZ AMG ENGINE TIMING TOOL SET (M156)

- Used to fix and align the camshaft in correct timing angle when replacing the timing belt.
- Applicable : Benz AMG 156, M159, ML63, S63L, S63, R63, E63, CLS63 And CLK63.
- MM Number : 156589006100, 156589003200.



MB6118

BENZ TIMING ALIGNMENT TOOL SET (M651)

- This retaining device is designed for positioning fixing, and turning the camshaft in correct position.
- Applicable : BENZ M651 engine (07~)
- MM Number : 651589014000, 651589004000.



MB6418

3PCS BENZ / BMW FUEL TANK SERVICE (W220)

- The tool removal The plastic Fuel tank cup.
- The special tool to removal The plastic Fuel tank cup.
- Applicable : Benz (W220), BMW Model 211/203 BMW:E36, E46



*Picture shown are for reference only



MB6211

BENZ SPARK PLUG ELECTRIC WIRE REMOVER (V6)

- Special angle with 17mm wrench to be a lever for removing and installing the wire easily
- Applicable: Benz engine models V6.



MB6212

BENZ FAN CLUTCH TOOLS

- Special designed 3 holes to hold the stud on fan clutch assembly found on Mercedes Benz vehicles to allow release of lock nut.
- Slim handle for tight space operation.



MB6213

BENZ FAN CLUTCH TOOLS (36mm)

- Removes lock nuts on thermo-Viscous fans found on Ford, Mercedes...many vehicles.
- Made from tempered pressed steel.



MB6214

BENZ FAN CLUTCH TOOLS (65mm)

- Replaces fan clutch assembly on Mercedes Benz vehicle. Slim shaft handles let you easily work in light space.



MB6215

BENZ FAN CLUTCH HOLDER (M103, M104)

- To allow removal of the visco-coupling on the cooling fan.
- Apply on Mercedes engine M103, M104.



MB6216

FAN CLUTCH TOOLS SET (BENZ & BMW)

- Most of Mercedes Benz & BMW vehicle.
- Contents
 - * 36mm Benz Fan Clutch Tools
 - * Benz Fan clutch Holder (L-Type)
 - * Benz Fan Belt Service Wrench
 - * BMW Fan clutch Holder
 - * 65mm Benz Fan Clutch Tools
 - * Benz Fan Clutch Holder(3 Hole)
 - * 32mm BMW Fan Clutch Tools



MB6217

BENZ CHAIN LINK PRESS KIT (BENZ & BMW)

- For assembling timing chain master link.
- 1&2 Use on rivet press tool (basic unit) to rivet timing chains.
- Double Row includes:3&4.Use for pressing rivet onto outerr link .Use with rivet pressing tool 1.this set comes with 1&2&3&4.
- Single Row: 5.Applicable : BENZ 292/979,273.Use with tool 1&2&3&4 to rivet single row timing chain
- 1 Applicable :BENZ 271,272/979,273
- Applicable: BENZ Model OM 601,602,603,615,616,617,M102,103, 116 and SAAB,BMW



MB6218

BENZ CHAIN LINK INSTALL AND REMOVE TOOL SET

- The separating tool and the riveting tool allow quick, easy and safe splitting and reconnection of the timing-chains-both simplex and duplex-as well as the double-roller to be found on new Mercedes diesels from 9/95 onwards.
- Applicable : Mercedes petrol and diesel engines.



MB6317

BENZ FLYWHEEL LOCKING TOOL (M102)

- Used to fix the flywheel gear to remove & install crankshaft pulley centre bolt.
- Applications : BENZ M102, M103, M104, M111, M601, M602,M603, M606, M605, M611, M612, M613
- MM Number : 112589034000



MB6318

BENZ FLYWHEEL LOCKING TOOL (M112)

- Used to fix the flywheel gear to remove & install crankshaft pulley centre bolt.
- Applications : BENZ M112, M113, M137, M155, M156, M272, M273.
- MM Number : 112589034000



MB6319

BENZ FLYWHEEL LOCKING TOOL (M166)

- Used to fix the flywheel gear to remove & install crankshaft pulley centre bolt.
- Applications : BENZ :
A Class W169 (M166)
B Class W245 (M266, OM640)
- MM Number : 166589004000



MB6320

BENZ FLYWHEEL LOCKING TOOL (M651)

- Use to hold the flywheel gear for removing and installing the crankshaft pulley centre bolt.
- Applicable : BENZ M651.
- MM Number : 651589024000.

**Picture shown are for reference only*



MB6311

BENZ ENGINE OIL GAUGE (930MM)

- Full length : 930mm
- Balance the top of the oil gauge.
- Applicable : 103,943/ 984/985, 104, 111, 119, 120, 137, 603, 913/963/97, 604, 605, 606, 611, 612, 613, 626,



MB6312

BENZ ENGINE OIL GAUGE (930MM)

- Full length : 930mm
- The top of the oil gauge can turn back to 90 degrees.
- Applicable : 112, 113, 271, 646, 647, 648



MB6313

BENZ TRANSMISSION DIPSTICK (1220MM)

- The tool is designed to measure the oil level of transmission.
- Full length : 1220mm
- Applicable : transmission type 722.6



MB6314

BENZ TRANSMISSION DIPSTICK (920MM)

- The tool is designed to measure the oil level of transmission.
- Full length : 920mm
- Applicable : transmission type 722.7, 716.5



MB6315

BENZ TRANSMISSION HOLDER SET

- Rotating head enables engine to be placed in desired in working positions.
- Using for Benz, BMW, Volvo, AUDI ... etc.
- The blue fixed support could be fixed on the workbench or used on the engine stands



MB6316

BENZ HYDRAULIC PRESS KIT SET

- The ball joint can easily and quickly be pressed into and out of the lower wishbone.
- To remove/Install the ball joint directly on the vehicle without to dismantle the wishbone.
- Applications: Mercedes W163 (M-class) front axle / rear axle and W211 (E-class). W220(S-class), W124, W201 Front axle.



**MB6411
BENZ BRAKE SPRING INSTALLER**

- For pressure spring of parking brake.
- Application : All Mercedes models.



**MB6412
BENZ FUEL TANK LID WRENCH (W210)**

- The tool is designed to remove the plastic fuel tank lid.
- Applicable : W210



**MB6413
BENZ FUEL TANK CUP WRENCH (W202)**

- The tool is designed to remove the plastic fuel tank lid.
- Applicable : W202



**MB6414
FUEL TANK LID WRENCH (BENZ & BMW)**

- The tool is designed to remove the plastic fuel tank lid.
- Applicable: BMW: MODEL 211/203
BMW:E36.E46



**MB6416
BENZ REAR AXLE FLANGE NUT SOCKET**

- This special socket removes rear axle flange grooved nuts on Mercedes Benz model : 1007 114 115 1116 126 axle with CV joints when replacing axle seals and axle bearing.
- With 1/2" drive.SA.



**MB6417
BENZ 4 LUG DRIVE PINION SHAFT FLANGE NUT SOCKET**

- For use on Mercedes Benz models 107, 114, 115, 116 Models.
- Removes drive pinion shaft flange grooved nuts.
- With 1/2" Drive.





MB6511

BENZ SPRING COMPRESSOR FOR MERCEDES

- Types 116, 123, 124, 126, 129, 140, 201, 202 & 4matic includes.
- Advantage : Newly developed automatic 3-point safety interlock and automatic freewheel at end of stroke.



MB6512

BENZ CLUTCH SPRING COMPRESSOR (722.6)

- This tool is to setup a correct gape in transmission clutch.
- Use this tool with a hydraulic press.
- Set the clutch on press table then place this tool on it and press the spring cylinder with press to the set line on the cylinder for a correct gap.
- Application : Benz 722.6 Transmission Clutch



MB6513

BENZ CRANKSHAFT PULLEY HOLDER (M112, M113)

- For removal and replacement of the crankshaft bolt, M112 & M113 as found on E320, E430 etc...
- Applicable : M112, M113



MB6514

BENZ GUIDE RAIL PIN PULLER

- Can remove even the most stubborn pins from the cylinder head, unlike the short hammer previously used to attempt this job.
- Applicable : M102, 110, 115, 116, 117, 130, OM601, 602, 603, 615, 616 & 617



MB6515

BENZ IGNITION LOCK REMOVER

- For removal and replacement of the ignition switch retaining ring fitted to Mercedes types W129, W140, W202, W210 & W220.



MB6516

BENZ DASHBOARD SERVICES TOOL KIT

- Kit includes ignition lock remover, radio set remover and instrument cluster removing hooks.
- Suitable for most Mercedes Benz Series



**Picture shown are for reference only*



MB6517

BENZ PANEL WEDGE TOOL

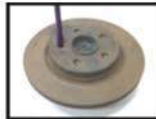
- Application : BENZ all model
- Used to remove the door panels and timbers or plastic on the dashboard.



MB6518

BENZ WHEEL STUD ALIGNMENT GUIDE TOOL

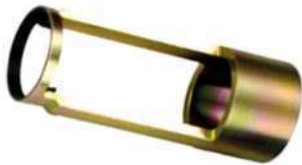
- Assists when mounting wheels, especially late models with long lug bolts.
 - Applicable: All Mercedes models with lug bolts.
- Size: M12x1.5



MB6519

BENZ WHEEL STUD ALIGNMENT GUIDE TOOL

- Assists when mounting wheels, especially late models with long lug bolts.
 - Applicable: All Mercedes models with lug bolts.
- Size: M14X1.5



MB6520

BENZ IGNITION LOCK REMOVER

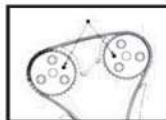
- For removal & replacement of the ignition switch retaining.
- Applicable: W116, W123, W124, W126, W163, W170, W202, W210 etc....



MB6521

BENZ CAMSHAFT ALIGNMENT TOOL (M111, M119)

- Holds the camshaft in 40 degree. TDC position (left / right side)
- Applications: Benz M111, M119.
- MM Number : 111589031500.



ITS12100

BENZ T100 X 1/2"DR BENZ CAMSHAFT PULLEY SOCKET (M271, M270)

- Torx T100 socket with security hole, used to remove and replace the camshaft adjuster valve with 1/2"DR
- Length : 98mm
- MM Number : 27158900100009 / 11CW.



*Picture shown are for reference only



BM6001

BMW BUSH EXTRACTOR/ INSTALLER (E38, E39, E60, E65, E66)

- Removal and replacement tool for metallic bushes on rear axles.
- Applicable : BMW E38, E39, E60, E65, E66



BM6002

BMW BUSH EXTRACTOR (E32, E34)

- Removal and replacement tool for metallic bushes on upper sub-frame.
- Applicable: E32, E34



BM6003

BMW BUSH EXTRACTOR (E30, E36)

- Designed to remove and install the center ball joint of the control arm.
- Use it together with C-clamp (TW35504) on the car, or with your hydraulic press.
- Center ball joint available.
- Application : E30, E36



BM6004

BMW BUSH EXTRACTOR (E36, E30, E46)

- Used for R &R of rear wheel bearing located in wheel carrier.
- Applicable : E36, E30 & E46



BM6005

BMW HUB REMOVER / INSTALLER (E34)

- Designed for professional removal and installation of rear wheel hub.
- Applicable :BMW E34



BM6006

BMW MINI (W10/W11) COOPER TIMING TOOL SET

- Applicable:
BMW MINI COOPER (W10/W11), (W10) 2001~2007 R50, (W10)2003~2007 R52,
(W11) 2003~2007 R52, (W10) 2001~2007 R53



BM6007

BMW VALVE SPRING REMOVAR (N51/N52)

- For removing and installing pressure spring for on intermediate lever
- Applicable: BMW N51, N52



BM6111

BMW REAR SUB-FRAME DIFFERENTIAL BUSH EXTRATOR / INSTALLER

- For replacement of the differential mounting metallic bushes in the rear sub-frame
- Replacement of the mounting bushes without removal of the differential.
- Applicable : E46/E85ly.



BM6112

BMW REAR SUSPENSION DIFFERENTIAL BUSH EXTRATOR / INSTALLER

- For replacement of the rear suspension different bush.
- On car maintenance.
- Best tool for replacement of the bush on BMW E46
- Applicable : E46, E85



BM6113

BMW BUSH REMOVER / INSTALLER (E36, E46)

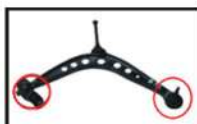
- Removal & replacement tool for metallic bushes on rear axles BMW type E36 & E46.
- Replacement of the mounting bushes without lowering the complete rear axle assembly.
- Applicable : E36 & E46



BM6114

BMW BALL JOINT REMOVER / INSTALLER (E30, E36)

- For removing and installing the ball joint using a hydraulic press.
- Applicable: BMW E30, E36



BM6115

BMW GUIDE RAIL PIN PULLER

- Can remove even the most stubborn pins from the cylinder head, unlike the short slide hammer previously used to attempt this job.
- This puller incorporates a thrust bearing to ease the pulling action.





BM6116

BMW INJECTION PUMP EXTRACTOR TOOLS KIT (M47)

- To lock the injection pump sprock in position and press out the injection pump shaft.
- This tools is required when removing the injection pump.
- only item 1 is used on M47 Engines.
- Items 1 and 2 are both used on M47TU ,M57 and M57TU engines.



BM6117

BMW PULLER FOR INJECTION PUMP TOOLS KIT (M51)

- Applicable foe BMW 4 cylinder diesel engine (M41), 6 cylinder diesel engine -2,5 (M51) also for opel / Vauxhall Omega 2,5 TD.To loosen the injection pump pulley form the shaft when dismantling the Injection Pump.



BM6118

BMW TRANSMISSION SOCKET

- Special designed for BMW-5HP 18 Transmission socket
- With 1/2" drive.
- Applicable:5HP-18.



BM6119

BMW TRANSMISSION SOCKET

- 1/2"DR.For grooved nut on Transmission drive shaft flange
- Applicable:BMW 5HP 24/5HP 30 Transmission.



BM6216

BMW MINI COOPER SEPETINE BELT TOOLS (W10, W11)

- This tools is used on Mini Cooper Serpentine belt.
- Applicable : BMW, MINI COOPER (R50/R53) / Bmw engine W10/W11.



BM6217

BMW MINI COOPER SEPETINE BELT TOOLS (W11)

- Special wrench used to hold the Serpentine belt Tensioner. When removing / Installing the accessory drive belt.
- A Tensioner locking-pin also included.
- Application : Supercharged Mini Cooper, W11 2001~2006 Mini Cooper S.



BM6329

BMW MINI COOPER SEPETINE BELT TOOLS (N12, N14, N16, N18)

- Each set comes with one large and samll 12 point wrench.
- Size: 30mm/12pt, 21mm/12pt.
- Applicable : all 2007 and newer Mini Cooper N12, N14, N16 & N18.
- BM Number : 116210.



*Picture shown are for reference only



BM6120

BMW TIMING TOOL SET (N40, N45, N45T)

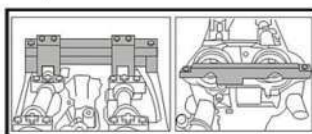
- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment timing unit.
- Applicable : E81/ E87: 116i, E46/E90 : 316i, E46/: 316ci, 316ti.



BM6121

BMW TIMING TOOL SET (N43)

- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment timing unit.
- Applicable : E87 : 118i/120i-N43, E90:316i/318i-N43 E92/E93: 320i-N43, E60/E61:520i



BM6122

BMW OUTPTU SHAFT EXTRACTOR / INSTALLER

- For removing and installing output shaft in drive flange as well as for removing front wheel bearing unit.
- Application : BMW E30, E31, E32, E36, E39, E46, E52, E53, E60, E63, E64, E65, E66, E67, E83, E85, RR1



BM6123

BMW ENGINE TIMING COMBINATION SET (N62, N73)

- Special designed master timing kit includes crankshaft wrench, angle indicator 27mm socket, chain tensioner, and Camshaft alignment holder and locking pin for BMW N62, N73.
- Applicable : BMW N62 , N73.



BM6124

BMW WHEEL SCREW LOCK SOCKET SET (20PCS)

- This tool enables you to permit servicing of customer vehicles, even customer has lost the key.
- Applicable for installing and removing locks of most BMW models.
- Contents : #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60.





BM6210

BMW COMBINATION TIMING TOOL SET (N47)

- A combination tool set for installing and removing camshaft & variable camshaft timing unit, also for aligning the balance shaft and crankshaft timing position.
- Applicable : BMW N47, N47S, N57 2.0 diesel engines.
- BM Number : 115320, 116480, 118760, 118740, 113340, 114320, 118750, 118790.



BM6211

BMW CAMSHAFT ALIGNMENT TOOL KIT

- BMW engine models M42 & M50.
- Includes 2 blocks swivel lock plate & locking pin for setting camshaft timing
- Engine models M40 & M70.



BM6212

BMW CAMSHAFT ALIGNMENT TOOL (M60, M62)

- Includes 2 blocks, swivel lock plate & locking pin, for setting camshaft timing.
- Applicable : M60 & M62



BM6213

BMW CAMSHAFT ALIGNMENT TOOL (M42, M50)

- Includes 2 blocks, swivel lock plate & locking pin, for setting camshaft timing.
- Applicable : M42 & M50



BM6214

BMW CAMSHAFT ALIGNMENT TOOL (M40, M70)

- Includes Plate & Locking pin , for setting camshaft timing.
- Applicable : M40 & M70



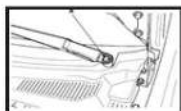
BM6215

BMW CAMSHAFT ALIGNMENT TOOL (N62, N73)

- Applicable: BMW engine models N62 & N73.
- Use the tool to fix on the input/output crankshaft to adjust the interval of crankshaft.
- It could check the crankshaft interval(smaller than 0.5mm).
- Contents: FixtureA for input crankshaft x 1
FixtureB for output crankshaft x 1
Support with screw x 1



*Picture shown are for reference only



BM6218

BMW WINSHIELD WIPER ARM REMOVER

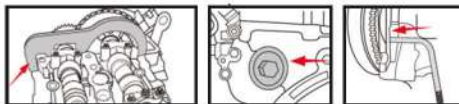
- Used to remove BMW serial models winshield wiper arm.
- Support arms are adjustable to fit variety of automobiles.
- Applicable : E12, E21, E23, E24, E28, E30, E31, E32, E34, E36, E38, E39 E46, E52, E53, E60, E65, E66, E67, E85, PR1... etc.



BM6221

BMW CAMSHAFT ALIGNMENT TOOL (N47)

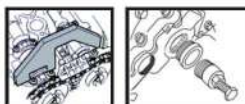
- Installing and removal of camshaft & variable camshaft timing unit.
- Applicable : BMW N47/N47S/N57 2.0 diesel engines.



BM6222

BMW DIESEL TIMING TOOL SET (M41, M51, M47TU)

- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable : M41, M51, M47 TU/T2, M57 TU/T2 : 2.0L/3.0L , 1998 later.



BM6223

BMW MINI COOPER WINDOW GENERATOR ADJUST WRENCH

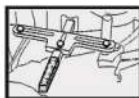
- Special designed to adjust the window seal tightness from the window generator.
- Applicable : BMW Mini Cooper (R50/R53/R55/R56) BMW1' Car (E81/E82/E88)
- BM Number : 513240



BM6224

BME FLYWHEEL HOLDER

- Special designed to fix the flywheel when replacing timing chain.
- It help to release and tighten the central bolts on vibration damper.
- Applicable : BMW M47T2/ M47TU/ M57T2/ M57TU/ M67/ N45 N45T/ N46/ N46T/ N51/ N52/ N53/ N54/ W17.



BM6225

BMW BALANCE AXLE ALIGNMENT TOOL (N40, N42, N45, N46)

- Plug in the tool for fixing the angle when you adjust the balance axle to the correct angle.
- Applicable : BMW-N40, N42, N45, N46.



BM6226

BMW BALANCE AXLE ALIGNMENT TOOL (LARGE)

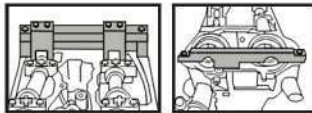
- Plug in the tool for fixing the angle when you adjust the balance axle to the correct angle.
- Groove size : 9mm (Extra Long)
- Applicable : BMW-N40, N42, N45, N46.



BM6310

BMW TIMING TOOL SET (N43)

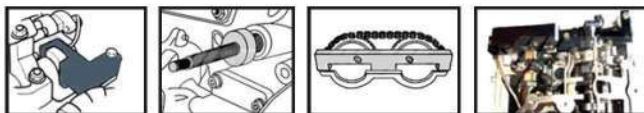
- Installing and removal of camshaft and variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable: E87: 118i / 120i - N43
E90 : 316i / 318i - N43
E92 / E93 : 320i-N43
E60 / E61 : 520i



BM6311

BMW ENGINE TIMING TOOLS SET (8 PCS)(N42.N46.N46T)

- Installing and removal of camshaft variable camshaft timing unit. Checking and adjustment of timing.
- Applicable: E87: 118i / 120i - N46
E46 : 316i / 316ti / 318i - N42
E90 : / E91 :318i / 320i - N46
E85 : Z4 , 2.0L - N46



BM6313

BMW FAN CLUTCH TOOLS (32MM)

- Removes lock nuts on thermo-Viscous fans found on ford, BMW ... many vehicle.



BM6314

BMW FAN CLUTCH HOLDER (M10, M20, M30)

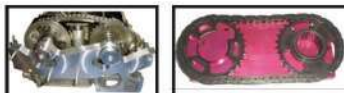
- Allow the technician to hold the water pump pulley in places while loosening the radiator fan.
- BMW engine models M10, M20 & M30 and late cars.



BM6315

BMW CAMSHAFT ALIGNMENT TOOL (M52TW, M54, M56)

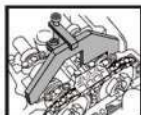
- Use with BM6213 to fix on the camshaft
- Special design for using before installing the accurate engine.
- Applicable:BMW engine models M52TW, M54, M56.



BM6316

BMW CAMSHAFT ALIGNMENT TOOL (M47)

- Special design for correcting timing to be made when servicing BMW. M47 2.1 16v engines.
- Applicable :BMW M47 diesel engines.





BM6317

BMW ENGINE TIMING TOOLS (N51, N52, N53, N54 N55)

- Special design to locate camshaft in TDC position.
- Applicable : BMW N51, N52 ,N53, N54 N55 engines.



BM6318

BMW (S85) CAMSHAFT ALIGNMENT TOOLS KIT (E60/M5, E63/M6)

- This tool for fixing the camshaft in TDC position used for dismantle and assemble intake and exhaust camshaft.
- Lock the crankshaft on the TDC position.
- Used for lock the camshaft on TDC position.
- Adjusting plate for seting valve timing on engine with double VANOS.
- For adjusting VANOS during assembly as well for adjusting valve timing.
- Applicable : BMW Engine Models S85 , S50B30, S50B32, S54 & S85



BM6319

BMW OIL COOLER LINE PLIER

- Release the hydraulic cooling lines that connect to the transmission.
- Front clips fixed by screw could adjust the angle for use.
- Applicable : BMW- E46, E53, E60, E61, E63, E64, E65, E66 E70, E81, E83, E85, E86, E87, E90, E91, E92, E93 R50, R52, R53, RR1



BM6320

BMW CAMSHAFT ALIGNMENT TOOL (N42, N46)

- Special design to fix the camshaft in TDC engine.
- Applicable: BMW N42,N46



BM6328

BMW CRANKSHAFT PULLEY HOLDER (N47)

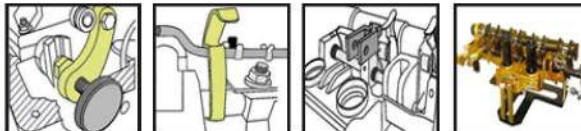
- Use for aligning and holding the angel of the crankshaft and pulley while installing and removing the crankshaft pulley.
- Applicable : BMW N47, N57 engine.
- BM Number : 117220





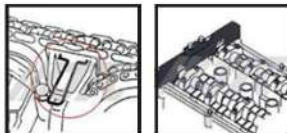
BM6321 BMW TIMING TOOLS

- Installing and removal of camshaft/variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable : E87:118i/120i-N46
E46:316i/316ti/318i-N42
E90/E91:318i/320i-N46



BM6322 BMW TIMING TOOLS SET

- BMW Engine Timing Tool Set M40, M43, M42, M44, M50, M52, M52TU, M54, M56-ZIMBER-TOOLS.
- Installing and removal of camshaft/variable camshaft timing unit.
- Checking and adjustment of timing.
- APPLICABLE: PETROL: M40, M43
TIN CAMSHAFT: M42, M44, M50, M52, M52TU, M54, M56



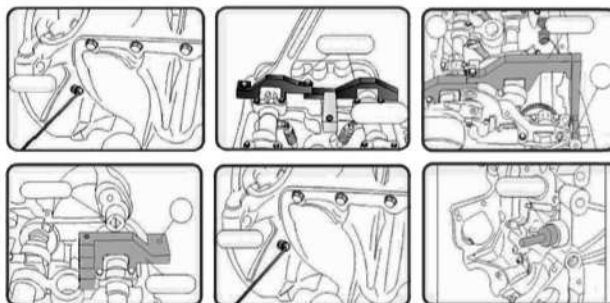
BM6323 BMW TIMING TOOL SET (N63)

- Master tool set contains a comprehensive set of 6 application-specific tools that are required to perform camshaft and VANOS timing on N63 engines .
- Applications:
Used for locking camshaft for BMW N63



BM6324 BMW PETROL ENGINE TWIN CAMSHAFT SETTING / LOCKING TOOLS SET

- Suitable for timing 1.4 & 1.6 16V Valvetronic direct injection petrol chain drive engines, fitted in BMW mini , Citroen and Peugeot vehicle
- Application : BMW : Mini Cooper/S, Mini One , Citroen : C4, C4 Picasso Peugeot 207, 308.
- Engine Codes : Citroen / Peugeot : EP3, Ep6, EP6DT/DTS, Mini : R55 / 56 , N12/14/N16



*Picture shown are for reference only



BM6325

BMW TIMING TOOL (N52)

- Special design for locking flywheel in TDC position.
- Turns crankshaft to TDC position while central bolt moves, and put the plug into calibrate hole to fix the crankshaft.
- Applicable : BMW N52.



BM6326

BMW TIMING TOOLS SET (N20, N26)

- Engine alignment tools applicable to newer bmw N20 & N264 cylinder turbo engine.
- This tools is used to fix the camshaft in top dead center position.
- This tools is used to fix the vanos encoder wheel in top dead center position.
- The alignment pin is used to fix the engine flywheel at top dead center.



BMB6533

ADJUSTABLE FUEL TANK LID REMOVER (BMW & BENZ)

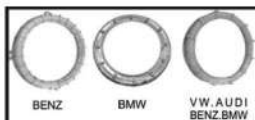
- To adjust from the middle track.
- You can use on all kinds of vehicle with salient fuel tank lid.
- Applicable : Benz, BMW, European cars, etc.



BMB6535

ADJUSTABLE FUEL TANK LID REMOVER (BMW & BENZ)

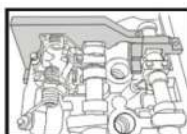
- Jaw adjustable range : 122 - 199mm , suitable for different fuel tank lid.
- Special jaws design to remove & install the tank closely.
- Use with 3/8"DR Wrench



BM6327

BMW TIMING TOOL SET (N13, N18)

- Designed for fixing the camshaft in TDC position.
- Use the tool to dismantle and assemble intake and exhaust camshaft.
- Applicable : BMW N13, N18 engine.
- BM Number : 117440, 119340, 496709, 119590.





HB2010AB

10 TONS COLLISION REPAIR KIT

- Capacity : 10 Ton
- Include :

01 - Two-speed hydraulic hand pump	10 - flat bas
02 - Jack hose, 5 feet	11 - 90 "V" base
03 - 10ton ram with 6" stroke	12 - Wedge head
04 - 1/2ton hydraulic spreader ram	13 - plunger toe
05 - 19" extension tube	14 - Ram toe
06 - 14" extension tube	15 - Rubber Flex head
07 - 10" extension tube	16 - Serrated saddle
08 - 5" extension tube	17 - Blow molded case with wheels
09 - male connector	



HB2010

10 TONS COLLISION REPAIR KIT

- Capacity : 10 ton (Thread type)
- Include :

01 - Two-speed hydraulic hand pump	11 - 90 "V" base
02 - Jack hose, 5 feet	12 - Wedge head
03 - 10ton ram with 6" stroke	13 - Pluger toe
04 - 1/2ton hydraulic spreader ram	14 - Ram toe
05 - 25" extension tube	15 - Rubber flex head
06 - 20" extension tube	16 - Female connector
07 - 10" extension tube	17 - Serrated saddle
08 - 5" extension tube	18 - Metal box
09 - male connector	19 - Lock pin
10 - flat base	



HB3810

10 TONS COLLISION REPAIR KIT

- Capacity : 10 Ton (Thread Type)
- Include :

01 - Two-speed hydraulic hand pump	16 - Female Connector
02 - Jack hose, 5 feet	17 - Serrated Saddle
03 - 10ton ram with 6" stroke	18 - Lock Pin
04 - 1/2ton hydraulic spreader ram	19 - Pull ring
05 - 25" extension tube	20 - Offset pull toe
06 - 20" extension tube	21 - Clamp head
07 - 10" extension tube	22 - Adjustable toe
08 - 5" extension tube	23 - Sprng spreader toe
09 - male connector	24 - Chain pull plate
10 - flat base	25 - Clamp end toe
11 - 90 "V" base	26 - Pull clamp
12 - Wedge head	27 - Fender clamp
13 - Plunger toe	28 - 5/16" x 5' chain & grab hook
14 - Ram toe	29 - 5ton pull ram kit
15 - 3-1/4" Rubber flex head	30 - 3-shelf service cart

*Picture shown are for reference only



BC101
SMALL MOUTH PULL CLAMP

- Capacity : 5Ton
- Single-way pull operation.



BC101N
SMALL MOUTH PULL CLAMP (TWO-WAYS)

- Capacity : 5Ton (Straight Way)
2Ton (Cross Way)
- Two-ways pull operation.



BC102
BIG MOUTH CLAMP

- Capacity : 3Ton
- Single-way pull operation.



BC102N
BIG CLAMP (TWO-WAYS)

- Capacity : 3Ton (Straight way)
2Ton (Cross way)
- Two-ways pull operation



BC103
BIG MOUTH CLAMP

- Capacity : 3Ton
- Single-ways pull operation



BC601
FRAME RACK CLAMP (TWO-WAY)

- Capacity : 5Ton (Straight Way)
3Ton (Cross Way)
- The special puller design used with plate makes it hard to be broken.
Bolt size : 14m/mØ x 73m/mL



BC602
FRAME RACK CLAMP (MULTI-WAY)

- Capacity : 5Ton (Straight Way)
3Ton (Cross Way)
3Ton (Multi-Way)
- The special puller design used with steel makes it hard to be broken.
Bolt size : 14m/mØ x 73m/mL



CHAIN & HOOK SET

Item Code	Size
C&H1309	5/16" (8mm) x 9Ft
C&H1310	3/8" (9.5mm) x 9Ft



WRT3699

WINDSHIELD REMOVAL TOOL SET

- Triangle Wire.
- Wire gripping handles.
- Windshield removal tool.
- Wire feeder tool.
- Trim pad remover.
- Windshield molding release tool.



WRT3130

WINDSHIELD REMOVAL TOOL

- Many wind shields, back glasses and side glasses can be removed with the knife.
- Quick and easy to use.



WRKB3003

WINDSHIELD REMOVAL BLADES

- Use with WRT3130



AP1000

AIR PUMP

- The air power hydraulic pump is designed for using with single acting cylinders and tools.
- Rugged construction and most components are made of aluminium alloy are built for long service life, easy operation and portability.
- Automatic overload relief setting as 10000 psi protects components in hydraulic system and work safety regardless of air pressure.
- New inlet and outlet design feature low exhausting air volume, non noise effect and being operated in all directions.



ADP3232

AIR DENT PULLER

- With 3lbs (1.36kgs) Sliding Hammer.
- With brass Shut off Valve.
- With 13" Length inlet hose.
- Air Exhaust from the handle.
- With 1/4" Air Plug.



BODY SERIES



MC0044
MALE CONNECTOR



FC0045
FEMALE CONNECTOR



PT0027
PLUG TOE



VB0029
90° V BASE



WH0030
WEDGE HEAD



OPT0035
OFFSET PULL TOE



EXTENSION TUBE

Item Code	Tube Length
ET05	5" Extension Tube
ET10	10" Extension Tube
ET20	20" Extension Tube
ET25	25" Extension Tube

**Picture shown are for reference only*



BODY SERIES

PANEL BEATING TOOLS

TOE DOLLY



MDE0101

GENERAL PURPOSE DOLLY



MDE0102

SMALL COMMA WEDGE



MDE0103

BIG COMMA WEDGE



MDE0103B

ALE DOLLY



MDE0104

ROUND & SQUARE DOLLY



MDE0105

T DOLLY



MDE0106

CHILLY DOLLY



MDE0107

BODY PRY BAR



MSE0201



MSE0202



MSE0203



MSE0206



MSE0207



MSE0301



MSE0302



MSE0303

BODY PRY BAR



MSE0304



MSE0305



MSE0306



MSE0308



MSE0309



MSE0310



MSE0312S



MSE0314



MSH-R

135MM BUMPING & PLAMICHING HAMMER



MSH-RS

ROUND & SQUARE HAMMER



MSH0403S

SINGLE HEAD HAMMER



MSH0401D

DOUBLE HEAD HAMMER

**Picture shown are for reference only*



VSC6660

ONE MAN OPERATION VALVE SPRING COMPRESSOR KIT

- Easy to use operate by one person only.
- Recessed pocket on valve pusher allows replacement retrieval of valve collets.
- Valve pusher : 22mm
- Complete service tool kit for installation and removal of the valve spring without removal of the cylinder head from the engine.
- Applicable : 12v, 16v, 20v and 24v engine.



VSC6640

VALVE SPRING COMPRESSOR KIT

- Complete upper engine service kit enables in situ removal and replacement of worn valve springs and guides / bushing. Suitable for 8, 16 and 24 valve engines.
- Set includes :
 - Universal valve spring compressor
 - Valve collars replacement tool
 - Valve stem seal pliers long / straight
 - Valve stem seal pliers long / angled
 - Rigid and flexible air / cylinder hoses
 - Valve stem seal replacement kit (5, 6, 7, 8, 10, 11.5mm)



VSC6620

VALVE SPRING COMPRESSOR KIT

- For use on most foreign & domestic engine including : AUDI, NISSAN, TOYOTA, CHRYSLER, HONDA, HYUNDAI, INFINITI, LEXUS, MAZDA, MITSUBISHI, SATURN, PORSCHE, VOLVO, VW.



VSC6622

UNIVERSAL VALVE SPRING COMPRESSOR KIT SET

- Suitable for the replacement of valve springs and valve stem oil seals without the need to remove the cylinder head.
- Application : BMW, Seat, VW, AUDI, HYUNDAI, TOYOTA, FORD 16V, Renault 19 And Clio.



VSC6661

UNIVERSAL VALVE SPRING REMOVER / INSTALLER

- Suitable for assembly and disassembly of valve springs and replacement of valve stem seals on cars, without removing the cylinder head.
- Valves are closed by pressurized air and can not fall down into the combustion chamber.
- Works great in narrow space conditions.
- Can be applied on European, American and Japanese cars, Such as BMW, VOLVO, Toyota, VAG, Ford, etc.
- Especially suitable for :
 - Mercedes Benz engines : M102, M103, M104, M111, M112, M113, M271, M272.
 - BMW engines: N42, N52, N62, M54, M52, M56, E38, M60 & V8.



*Picture shown are for reference only



VSC6109

5PCS VALVE SPRING COMPRESSOR

- Used for car & motorcycle.
- Pusher size : 16mm, 19mm, 23mm, 25mm & 30mm
- 5pcs pusher for fitting the valve spring correctly and easier to compress the valve spring easily.



VSC6235

VALVE SPRING COMPRESSOR

- Suitable for use on multi-valve petrol & diesel engines with deep seated valve.
- Also for use with OHC OHV & CVH engines.
- Jaw capacity of 55m - 175mm.



VSC6228

VALVE SPRING COMPRESSOR

- Designed to compress valve springs on overhead valve engines with the cylinder removed.
- Unique, direct action compressor lever gives better visibility of valve spring retainers located in difficult access areas.
- Includes two valve spring adaptor, which fit valve spring retainers up to 1"(25mm) and 1-3/16"(30mm)
- Jaw opening (A) of 1-3/8" to 5-5/8" (35mm to 142mm), Troat clearance of 5-7/8"(150mm).



VSC6616

VALVE SPRING COMPRESSOR

- Reversible jaw adaptor for multi-valve engines.
- Capacity 45-145mm, throated clearance 250mm big window jaw adaptor for easy replacement of valve collets.
- Dual size in 25mm and 30mm diameter.



VSC6991

VALVE SPRING COMPRESSOR

- Made of steel for heavy duty operation.
- Changeable jaws (Straight, and bend), can be fixed stronger on the track.
- Applicable : 12V engine, Diesel engine, and outstanding spring type engine.



VSC6990

VALVE SPRING COMPRESSOR

- Use to compress valve springs up to 10" long.
- Two way adjustable.
- Quick and easy compress and release.



*Picture shown are for reference only



VSR6213

VALVE SEAL REMOVAL / INSTALL SET

- Special designed for using on all engines with overhead valves.
- Valve spring will not be bended or loosen. Works on gas or diesel engines.
- Magnet in tool body captures keepers for quick removal and valve disassembly.
- Quickly removes and insyalls valve keepers on most overhead valve engine.
- Works on valve stems from 4.5 to 7.5mm and 5/16" to 3/8".



VSC6430

OVERHEAD VALVE SPRING COMPRESSOR

- For use on a wide range of OHV, OHC and CHV engines.
- Not suitable for use on engines with deep seated valves. Allow valve springs and valve stem oil seals to be replaced with the cylinder head.
- Feature a reversible jaw / adaptor and automatic cam-action locking to a re-determined setting.



VSP6290

VALVE SEAL RING PLIERS

- Designed to reach into confined area for removal of valve seal.
- Serrated tip for better grasp of valve seal regardless of it configuration.



VSP6299

EXTRA LONG VALVE SEAL RING PLIERS

- Designed to reach into confined area for removal of valve seal.
- Serrated tip for better grasp of valve seal regardless of it configuration.



VSR6643

DEEP VALVE SEAL REMOVER

- This model of remover is designed to remove the deep seated valve seal.
- Maximum depth : 217mm
- T Handle with ON-OFF function for stronger grasp pf seal.
- Maximum : 23Ø
- Patented.



VSR62108

VALVE SEAL REMOVAL/ INSTALLER KIT

- Precision machined seal driving adaptors guide the seal for proper setting.
- Set contains :
 - 1pcs Valve stem seal pliers
 - 1pcs Drive handle 6" (150mm) long
 - 2pcs Deep seal driving socket for seals O.D 10.8 - 14.8mm
 - 7pcs Seal driving & 3/8"

*Picture shown are for reference only



UCAT1362

UNIVERSAL CAMSHAFT ALIGNMENT TOOL

- Using the camshaft central screw and fit in the socket to be the support to fix the camshaft.
- Adjustable to fit most kinds of vehicle.
- Special design to alignment the camshaft and removing or installing the guide rain pin.



VAT6023

VALVE ADJUSTING TOOLS (NISSAN)

- Overhead camshaft engines using spacer shims.
- Specially designed to allow for easy valve adjustment on all NISSAN's and many other overhead camshaft engine using spacer shims.



VAT6024

VALVE ADJUSTING TOOLS (TOYOTA)

- Overhead camshaft engines using spacer shims.
- Specially designed to allow for easy valve adjustment on all TOYOTA's, Lexus and many other overhead camshaft engines using spacer shims.



VAT6025

VALVE ADJUSTING TOOLS (MITSUBISHI)

- For Overhead camshaft engines using spacer shims.
- This Unique tools has been designed to allow for easy valve adjustment on MITSUBISHI diesel engine, and many other overhead camshaft engines using spacer shims for valve adjustment in operation.
- Applicable : MITSUBISHI Diesel engine CANTER 3.5T, 6.7T, 6.9T.



VAT6026

VALVE ADJUSTING TOOLS (FORD)

- For Overhead camshaft engines using spacer shims.
- This Unique tools has been designed to allow for easy valve adjustment on FORD diesel engine, and many other overhead camshaft engines using spacer shims for valve adjustment in operation.
- Applicable : FORD diesel engine (R2) 2.2L.



VAT6610 & VAT6612 VALVE ADJUSTING TOOLS 10MM & 12MM

- Each tool include an idle adjustment screwdriver within a socket with window and a diffent handle for holding adjustment screw in place.
- The socket " window " is always visible when handle pivots from one side to the other.
- So you can see the position of the screwdriver blade holding the adjustment screw while the jam nut is tightened.



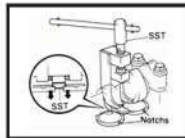
VL5150 & VL5250 VALVE LAPPER

- For hand lapping valves.
- VL5250 has 1-1/8" and 1-3/8" diameter cups for large valves.
- VL5150 has 5/8" and 13/16" diameter cups for small valves.



VAT6027 VALVE ADJUSTING TOOL (VOLVO)

- Used for VOLVO, Opel and European cars.
- For overhead camshaft engines.



HCP6803 FLAT BAND HOSE CLAMP PLIER

- Finger tip "position lock" to keep hose clamps spread open.
- Convenient for replacement of lower radiator hose.
- Fits most size clamps.



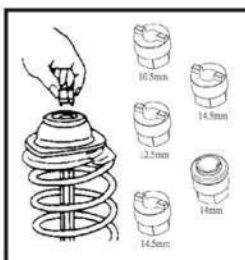
UHC6018 UNIVERSAL FLEXI-SHAFT HOSE CLAMP

- For replacement of fuel, oil and water hose with clip-R hose clamp.
- Hose clamp with flexible 630 wire.
- Convenient for working hidden areas and long distance.



SNTS6605 STRUT NUT TOOL SET (5PCS)

- Used in conjunction with A 22mm spanner or socket sizes - 10.5x1.5/ 12.5x3.5 / 14x2.5 / 14.5x3 / 14.5x5.
- For macpherson front and rear struts on Audi / Volkswagen designed to hold the damper shaft during the removal and Refitting of the strut nuts.
- For Audi 80. Volkswagen - Polo, Golf, Passat. Also Mercedes - W203, W209-14.0.
- Applicable:
 - 10.5mm - VW Golf rear axle.
 - 12.5 - VW Polo Front axle.
 - 14mm - Mercedes W203 / W209
 - 14.5mm - VW Polo, Golf, Passat, Audi 80
 - 14.5mm - Austin Maestro





ET12125

M12X1.25 FLEXIBLE COMPRESSOR EXTENSION TUBE

- Used for testing cylinder compressor pressure.
- Made of steel inside rubber hose for easier screw into the cylinder.
- Size : M12x1.25 (L300mm)



CT6324

COMPRESSOR TESTER KIT

- Easy-reading 2-1/2" diameter gauge features color-coded quadruple calibrations with 0-300 psi, 21kg/cm, 21 bar & 2100 kpa.
- 13" durable rubber hose with 14mm / 18mm adaptor.
- 6" heavy-duty stem with universal rubber cone adaptor fits all plug holes.



CT6328

GASOLINE CYLINDER COMPRESSION TESTER PREPARATION

- Air gauge with quick coupling & release valve.
- High tension connecting pipe with safety lock coupling.
- Two pipe with rubber plug for crank shaft type and transverse axis type.
- With 4 Size adapter M10x1.0, M12x1.25, M14x1.25, M18x1.5 for all model cars.



FIPT6225

FUEL INJECTION PRESSURE TEST KIT (ASIAN)

- The related adapters are suitable for Japanese system of cars.
- That used on the test can be hooked up or teed into system (upon teed mounting is used, the surface must be water wet)



FIPT6227

FUEL INJECTION PRESSURE TEST KIT

- A large 3-1/2" gauge with dual reading of 0-145 psi and 0-1000 Kpa.
- Also a low pressure 2-1/2" gauge for an accurate reading below 15 psi.
- All adapters, gauge, and hose assemblies feature a quick coupling system for speedy and efficient testing connection.
- The uniquely designed relief valve relieves the pressure and the fuel safety.
- Also allows checking for sufficient fuel flow.
- No Need for wrenches or pipe dope.
- The specially designed compact, neatly arranged plastic blow-molded box makes storage easy.
- Comes complete with instructions manual.



LD6090

CYLINDER LEAK DETECTOR & CRANK STOPPER

- Kit allows easy identification of compression problems.
- Detector measures exact leakage amount and locates leaks area.
- Crank stopper locks engine in place to facilitate installation of timing belts, removal of harmonic balance pulleys and replacing spark plugs.



EOPT6633

ENGINE OIL PRESSURE TESTER

- Designed to check engine oil pressure in both cars and trucks.
- Easy to read dual scale gauge.
- Complete with 24" (600mm) of oil proof hose with 1/8" NPT.
- Also includes 1/4" NPT and 3/8" NPT adaptors.
- Dual gauge readings : 0 to 300psi (0 to 21 Bar)
- Gauge diameter : 2.5"



TPG6677

TRANSMISSION PRESSURE GAUGE

- For all major manufacturer domestic and import vehicles.
- Set contains two gauge assemblies for high and low pressure ranges. Nine adaptors to test a wide variety of domestic and import automatic transmissions.
- Four special fittings are also included for connection to hard-to reach test ports in areas requiring a 45° or 90° angle.
- All contained in a plastic storage case.



DCT6070

DIESEL COMPRESSOR TESTER KIT

- Common checking diesel compression tester with wide range of adaptors.
- Test process must be under vehicle cranking condition.
- Provided high quality hydraulic gauge with modern design rubber jacket.
- Full glow plug and injector adaptors.
- Additional clamp-on adaptors in case provide more application to truck, van, bus, marine, and agricultural vehicle.



CCAT6055

CAMSHAFT / CRANKSHAFT ALIGNMENT TOOL

- For alignment of the cam and crankshafts.
- Also enables correct installation of the camshafts with the cam cover.
- Applicable: Volvo models 850, 960, S40, S70 and S90



*Picture shown are for reference only



AV6215

VW, AUDI TIMING TOOLS SET

- Designed for quad cam chain drive engines that are fitted with four chains and tensioners linking the oil pump, crankshaft, camshaft & banlace shaft.
- Kit also features a HP pump sprocket remover.

Applications

- VAG 2.7/3.0 TDi V6 and 4.0/4.2 Tdi V8 chain drive diesel engines fitted to :

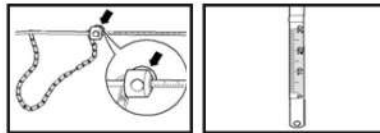
- AUDI : A4, A5, A6, A6 Allroad, A8, Q5, Q7
- Volkswagen : Phaeton, Touareg
- V6 Engines codes : ASB, BKN, BKS, BMK, BMZ, BNG, BPP, BSG, BUG, BUN, CAMA, CAMB, CANA, CANB, CANC, CAND, CAPA, CARA, CARB, CASA, CASB, CASC, CATA, CCMA, CCWA, CCWB, CAYA, CDYB, CDYC, CEXA, CGKA & CGKB.
- V8 Engines codes : ASE, BTR, BVN, CCFA



AD6673

ENGINE OIL DIPSTICK (AUDI)

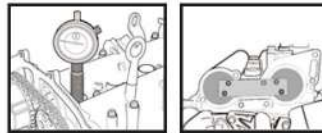
- The tool is designed to measure the oil level of engine.
- Applicable : 2009 Audi A4, A5 and A6 with engines 2.0L TFSI, 3.2L FSI and 4.2L FSI, and 2.0, 2.7, 3.0, TDI, 1.8, 2.0, 3.0, TFST, 3.2, 4.2 FSI



AV6193

VW, AUDI TIMING TOOLS SET (1.4, 1.6 FSI)

- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable : VW Polo, Golf, Touran, Caddy, Skoda, Octavia Audi A3 And VW, Audi (1.4, 1.6 Fsi, Tsi) etc....



AV6119

VW, AUDI TIMING CHAIN IN HEAD SERVICE KIT

- With camshaft tools, chain tensioner retainer, locking pins and tensioner bolt.
- For 2.0 FSI petrol engines since 2003.
- Applicable : AUDI A3 2.0 Fsi & Fsi SOHC engine codes : AWA, BHD, BMB, VW GOLF 2.0 Fsi & 2.0 Fsi SOHC & Touran 2.0 Fsi Sohc Engine Codes: AWA, AXW



AV6435

VW, AUDI ENGINE TIMING TOOLS (VAG)

- Use for correct the camshaft and crankshaft timing position.
- Applicable : 2006~2013 VAG series Tsi, TFSI EA888 engine (1.8L, 2.0L) CEAA, CGMA, CCZA, CCZB, CCZD, CCUA, CAEB, BYJ, BYE, CDAA, CDAB, CDNC, CDAZ, CADA, CPSA.



*Picture shown are for reference only



AV6426

VW, AUDI ENGINE TIMING TOOL SET (TFSI)

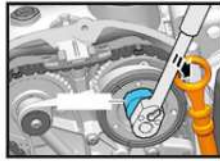
- Special designed to align camshafts when adjusting timing.
- Applicable : Audi A6 2005~, Q5 2.0T, A6L 3.0T.
- Engine model : 6-cyl. Petrol direct injection 2.8L 4V engine, Mechanics.
- VM number : T40133



AV6433

VW, AUDI CAMSHAFT ADJUSTING SOCKET

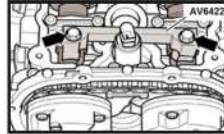
- Special 2 inner pins designed to turn the camshaft into position.
- Applicable : Audi A3 1.8l 4V, TFSi Engine.
- VW Number T10352



AV6422

VW, AUDI TIMING TOOL SET (3.2 FSI)

- Special design set of tools for alignment camshaft locking, and adjusting.
- Applicable : VAG A4 / A6 / A8 3.2 FSI with engine AUK, A6L / Quattro 2.4 with engine BDW.



AV6423

VW, AUDI TIMING TOOL SET (V6, 3.2 FSI)

- Special designed set of tools of tools for alignment camshaft locking and adjusting.
- With a camshaft adjusting socket.
VM Number : T40058
- With 2 camshaft stopping pins. VM Number : T40071
- Applicable : VAG A4 / A6 / A8 3.2 FSI with engine AUK, A6L / Quattro 2.4 with engine BDW.



AV6425

VW, AUDI TIMING TOOL SET (TFSI)

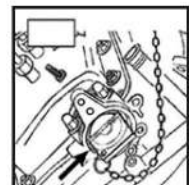
- A complete set for alignment, adjustment the camshaft, replacement the timing chain, etc.
- To improve your working speed with this complete set.
- Applicable : Audi Q5 2.0, A6L 2.8, 3.0T.



AV6279

VW, AUDI CAMSHAFT ALIGNMENT TOOL

- Special design to set camshaft in the correct position.
- Applicable : VW Passat (98~04)
AUDI : A4, A6, A8, A11 road (97~08)



*Picture shown are for reference only



AV6611

AUDI, VW 7-SPEED DSG CLUTCH INSTALLER & REMOVER

- Use for installation and removal work when repairing 7-speed DSG and some 6-speed DSG gear box components.
- Applicable : VW Golf 2004, Golf Plus 2005 , Audi A3 2004, with 7-speed gearbox (code 0 AM), Touareg 2003, with 6-speed gearbox (code 08D)



AD6500

AUDI BALL JOINT TOOL

- For Repair work of the front lower ball joint used on audi A4/ A5/A6/A7/Q5
- 1/2" Dr x 24mm Hex.



AD6275

AUDI CAMSHAFT ALIGNMENT TOOL

- Locking tool for camshaft AUDI V6.
- Applications : AUDI 80, 100, A4, A6, A8, Coupe/ Cabrio 2.6/2.8 (1991~2002) ABC / AAH.
- VM Number : 3391



AV6276

VW, AUDI CAMSHAFT ALIGNMENT TOOL (V6)

- Locking tool for camshaft VW, Audi V6.
- Applicable : 1995~2008 new body style VW and AUDI.
- VM Number : 3391



AV6277

VW, AUDI CAMSHAFT ALIGNMENT TOOL (V8)

- Special design to align the camshaft at TDC position when adjusting and assembling.
- Applicable : VW, Audi V8 5-valve.
- Vm Number : T40005



AV6278

VW, AUDI CAMSHAFT ALIGNMENT TOOL

- A specially designed tool to align and hold the camshaft.
- Applicable : AuDI 3.0L V6 5V, 2002~2005
AUDI A4 & 2002~2004 AUDI A6.
- VM Number : T40030





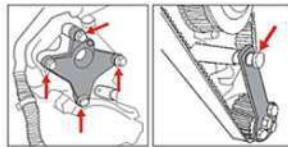
TTS6980 ENGINE TIMING TOOL SET (FIAT)

- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment of timing.
- Twin camshaft engine : 1.2, 1.4, 1.6, 1.8 16V engine.
- Diesel engine : 1.9D/TD, 1.9JTD, 2.4TD/JTD.



TTS6979 FIAT ENGINE TIMING TOOL SET (8V) BELT

- Kit consists of crankshaft locking tool, camshaft setting plate and belt tensioner adjuster for the 1.2 engine, and additional sprocket locking tool and alignment fixture for the camshaft on the 1.4WT engine.
- Applicable : FIAT 500 / idea / Linea/ Punto/ Doblo/ Panda EV02 & Ford KA.
- Engines : 1.2 - 169A4.000, 199A4.000, 1.2 - 188A4.000 (EV02 Only) 1.4(16V) - 350A1.000



TTS6095 ENGINE TIMING TOOL SET (FORD & MAZDA)

- This comprehensive set of tools enables the correct engine timing to be made when replacing the timing belt.
- Applicable : FORD & MAZDA.



CCBR1009 VOLVO COMPUTER CONTROL BOB REMOVER INSTALLER

- Special designed to remove and install the computer control box easily and safely.
- Applicable : VOLVO S40, S60, S70, S80, XC90 etc.



SHR6662 6 PCS SEAL & HOSE REMOVER KIT

- Special designed tool to remove seals, O-ring, and hoses on vehicle easily.
- Provided with different length and angle fits wide applications.
- Angled blade is ideal for removing seals in limited space.



SBTS6790

SERPENTINE BELT SERVICING TOOL SET

- Combines the innovation of gear wrench to provide the best possible combination.
- Provides coverage for all major vehicles with serpentine belt configuration.
- The versatility and strength if the gear wrench allows for unlimited access to serpentine pulley tension arms with added attachments for unlimited coverage.
- Socket Size : 8, 12, 13, 14, 17, 18, 19, 24mm & 3/8", 1/2" & 5/8"



BTA6767

UNIVERSAL BELT TENSION ADJUSTER SET

- Complete range of tension lever and wrench for changing the cam belt on most petrol and diesel engines.
- Applicable : ALFA ROMEO, FIAT, Citroen, Paugeot, Renault, VW etc...



TLT6648

19PCS TIMING LOCKING TOOL SET

- This comprehensive set of tools enables the correct engine timing to be made when replacing the timing belt.
- Applicable : FORD, MAZDA, OPEL, SAAB, LAND ROVER, CITROEN, VW, PEUGEOT, ISUZU, HONDA etc...



FLT6770

UNIVERSAL FLYWHEEL LOCKING TOOL

- Special designed to lock the flywheel when the gearbox is dismantled.
- The tool can be adjusted axially and radially for almost universally by screwing in different stud bolts.
- Using range : 92-107mm



SLD6776

SMOKE LEAKAGE DETECTOR

- Use smoke to detect leakage in the system.
- Works for turbo system, engine block, fuel system, exhaust system and etc.
- 12V with auto switch off.
- Air flow control.
- Stainless cabinet.
- Size : 390 x 250 x 200mm x 7.8kgs



WBT3803 3PIN WIND BACK OOL (3/8"DR)

- This tool kit allows you to rewind
- This tool kit allows you to rewind the pistons in brake calipers.
- It does this by allowing the rotation of the piston at the same time as pushing the piston back into the caliper.
- Spindles spanner for right and left according to the Factory Operation.
- The correct parts to fit almost all cars including Alfa Romeo, Audi, Citroen, FORD Honda, Land Rover, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Lancer, TOYOTA, VW Volvo Vauxhall & others.



WBT6403 3PIN BRAKE REWIND

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CSR6715 CRANK SEAL REMOVER & INSTALLER

- Universal use covering a wide range of cars with oil seals between 27mm and 58mm in diameter.
- Use the existing bolt in the vehicle for installation.
- Screw-type adapter to fit the centering.
- The blue seal adapters are made of aluminum to prevent the damage of crank.
- Allows the crank seal to be replaced without dismantling the crank case without scraping the crank surface
- Set includes 1 set of long puller hook as additional part



CSR6727 CRANKSHAFT & CAMSHAFT SEAL REMOVER & INSTALLER KIT

- Ideal for both cranshaft and camshaft seal.
- Quick and easy work for both removal and installing work.
- Master kit includes wide size seal installers.
- Provided with 2 seal removers with different length and angle fits wide applications.
- Angled blade seal remover is ideal for removing seals in limited space.



**Picture shown are for reference only*



PISTON RING COMPRESSOR (With Safety Valve)

Item Code	Height(")	Capacity (mm)
PRC53175-3	3"	53 - 175mm
PRC60175-4	4"	60 - 175mm
PRC60175-6	6"	60 - 175mm



PISTON RING COMPRESSOR

- Special steel.
- Nickel-plated.
- For removing and mouting rings.

Item code	Size(mm)
PRP6100	40 - 100mm
PRP6120	80 - 120mm
PRP6160	110 - 160mm



GCT6349

PISTON RING GROOVE CLEANING TOOL

- With three easy to set cutter wheels for quick cleaning of grooves.
- Sharp steel cutter removes carbon and vanishes from piston ring grooves.
- **Size :**
Blade 1 : 1/16", 5/64", 3/32", 1/8", 5/32", 3/16".
Blade 2 : 2, 2.5, 3, 4, 4.5mm & 1/4".
Blade 3 : 1.2, 1.5, 1.8, 2.8, 5, 5.5mm.



TL1521

TIMING LIGHT

- Works on all 12 volt gasoline engines.
- High impact ABS housing neon double check indicator insures proper hookup or detects faulty flas tube.
- Detachable heavy duty inductive pick up clamps and leads for easy operation and replacement.
- Bright xenon flash tube provides concertrated light for easy visibility of timing mark.



TL-DA5100

TRICO DIGITAL ADV. TIMING LIGHT

- Heavy chrome plate die cast metal housing with protective rubber nose cone.
- Works on all 12V gasoline engines.
- Detachable heavy duty inductive pick up clmap and leads for easy operation.
- Bright xenon lights flash tube provided concentrated light for easy visibility of timing mark.

* **Function (Tach) :**
0-3000Rpm (4 Cylinder)
0-2000Rpm (6 Cylinder)
0-1500Rpm (8 Cylinder)

* **Dwell :**
0-90 Degree (4 Cylinder)
0-60 Degree (6 Cylinder)
0-45 Degree (8 Cylinder)

* **Volts:**
0-16V



SS8TS

1/2\"DR SPECIAL 3 POINT START IMPACT SOCKET

- Special design socket for balance shaft screw on NISSAN.
- Size : 1/2\"DR x 8TS.
- Applicable : Nissan.



PS1212

1/2\"DR PANTAGON SOCKET FOR NISSAN (5POINT)

- Applicable : idle wheel center screw of TOYOTA model since 2000 and NISSAN cylinder screw.
- Size : 1/2\"DR x M10S, Hex 12mm



IBS121020

HONDA TRAILING ARM NUT SOCKET

- For removal and replacement of the retaining screw on rear trailing arms.
- Applicable : HONDA CR-V
- Length : 38mm
- Size : 1/2\"DR x 20mm (10 Point)



COA601235

FORCE CO ADJUSTER

- 1/4\" Drive tamperproof mixture adjuster (double D)
- For use on asian and mikuni carburetors found on Toyota, Proton & Mitsubishi. (35mm)



GBS1216

M16X1/2\"DR GEARBOX SOCKET

- Special tamperproof design for removing and installing the oil release bolt on the transmission and gearbox.
- Applicable : AUDI A3/A4/A6 and GOLF IV/LT.



RS1210

M10S X 1/2\"DR RIBE SOCKET

- Applicable : Idle wheel center screw of TOYOTA model since 2000.
- Size : 1/2\"Dr x M10S, Hex.21mm



**Picture shown are for reference only*



OFW1309

OIL FILTER WRENCH (PLIER TYPE)

- Hardened drop forged CR-V steel tool removes stubborn filters 60mm - 90mm
- Slip joint design makes adjustment fast and easy.



OFW1310

OIL FILTER WRENCH (PLIER TYPE)

- Hardened drop forged CR-V steel tool removes stubborn filters 85mm - 115mm.
- Slip joint design makes adjustment fast and easy.



OFW1371

OIL FILTER WRENCH (CHAIN TYPE)

- All drop forged of line quality.
- Range : 45-140mm
- Length : 6" (150mm)



OFW1372

OIL FILTER WRENCH (CHAIN TYPE)

- All drop forged of line quality.
- Range : 50-200mm
- Length : 8" (200mm)



SW1373

OIL FILTER WRENCH (STRAP TYPE)

- Fits filters with a diameter of 25mm to 160mm.



OFW1374

60-160MM OIL FILTER WRENCH (CHAIN TYPR)

- Available for all type of oil filter.
- Double-hinge construction for high clamping power.
- Flexible handle for narrow space.
- Size: 60-160mm
- Length of chain : 520mm



*Picture shown are for reference only



OFW5000

TWO WAY OIL FILTER WRENCH

- Removes all oil filter from 2-1/2" to 4" in diameter.
- Use with 1/2"dr ratchet.
- Size : range 2-1/2" - 4" (63-102mm)



OFW5300

TWO WAY OIL FILTER WRENCH

- 3 Legs and two way.
- With 3/8" & 1/2"DR or use with 21mm wrench.
- Size : 2-9/16" - 4-3/4" (65 - 120mm)



TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.

Item Code	Range (mm)
OFW3142	60 - 80mm
OFW3144	80 - 110mm
OFW3146	110 - 145mm



OFW3148

120-140MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 105mm- 145mm (H 62mm)



HEAVY DUTY OIL FILTER WRENCH FOR TRUCK

- Wider band for a better grip of filters.
- stronger anchor plate for removal of excessively tight filters.
- Designed for high torque requirements.
- Not designed to be used with power tools.

Item Code	Range
OFW105125	105-125mm
OFW120140	120-140mm



OFW6420

OIL FILTER WRENCH (STEEL BELT TYPE)

- Range up to 6"(150mm)
- Strong nylon belt will not slip.



OIL FILTER WRENCH

Item Code	Length
OFW100	55-75mm
OFW200	75-95mm
OFW300	95-115mm



LPFW10

LOCKING PLIERS FILTER WRENCH (10")

- Chrome-vanadium steel made.
- This plier can be adjusted and fastened for application at any angle.
- Suitable for installing, removing and tightening objects of any shapes.
- Jaw opening : 2-1/8" to 4-5/8" (53mm - 108mm)



STANDARD STEEL FILTER WRENCH

- Stainless steel sturdy and durable mirror surface adjustable oil filter wrench for vehicle.

Item Code	Length
OFW100SS	55-75mm
OFW200SS	75-100mm



OFW1378

DOUBLE CHAIN OIL FILTER WRENCH

- Special double chain design for removing and installing oil filter in powerful.
- Operation range : Ø 60-115mm.
- 1/2" Drive.



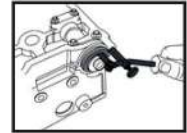
JP2266 JASONLINE TUBE PLIER

For removal and replacement of the connecting on the fuel filter.
Use the special jaws to pull the connector backwards to remove the connector.
Application : BENZ, FORD, MAZDA, VW, AUDI, OPEL, FIAT, GM BMW



SP6227 SEAL PULLER

- Engage the adjustable hook behind the seal.
- Brace the push rod against the engine head then push the handle to remove the seal.
- Remove the seal easily & Quickly without damage to the cam & crank shaft.



SPP6230 SPARK PLUG PLIER

- The spark plug socket pliers is specially designed for removing hard to reach high voltage lead wire.
- Good insulated handle and the grooves avoid any sliding down in operation, especially on Mercedes-Benz.



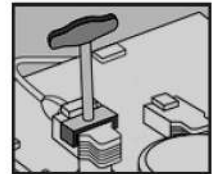
HTC6615 SPARK PLUG HOLE THREAD CHASER

- Double ended for both 14mm & 18mm threads.
- Cleans the threads in spark plug hole.
- Use with deep socket.



SPPS04 4PCS SPARK PLUG PULLER SET

- Suitable for installation/removal of ignition coils on VAG vehicles.
- Long shafts with composite T-style handle for added control and stability.
- Prevents damage to ignition coils whilst allowing faster removal.



US6222 UNIVERSAL SEPARATOR

- Multi-purpose puller set for balancer, pulley & gear.
- Application : FORD, TOYOTA, LEXUS GS 300 (1999-2004)



PIW6600 POWERBAR HAND IMPACT WRENCH

- Remove and replace harmonic Balancer Pulleys. Up to 600ft/lb of torque. Applications include pulleys. Flywheels. Couplings. flanges. Lawn mower base plate.etc.



*Picture shown are for reference only



BTK6850

BELT TOOL KIT FOR ELASTIC-RIBBED BELTS

- Suitable for engines with elastic ribbed belts such as Alfa Romeo, BMW, Chrysler, Fiat, Ford, Mercedes, PSA, Seat, Skoda, Smart, Volvo, VW-Audi, etc...
- This tool set is quickly and easily removal and installation of the new elastic ribbed belts required.



PR6292

CHANGEABLE TWO JAWS PULLEY REMOVER

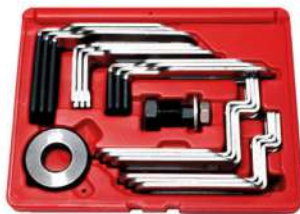
- Suitable for using when the space limited.
- To change the parts easily for fitting the different cars.
- Jaw length : 72/95mm
- Jaw depth : 18mm, Width : 4.4mm.



CSGK6614

CARBURETOR SYNCHRONIZER GAUGE KIT

- For testing fuel pump carburetor and transmission check auto with 2~4pcs carburetors.
- Contents :
 - * 4pcs 3-1/2 synchronize gauges with fixed plate
 - * 4pcs rubber hose 8 x 5 x 750mm
 - * 4pcs extension tube 3.9 x 52mm
 - * 4pcs extension tube 3.9 x 122mm
 - * 8pcs cone type connector 8 x 40mm
 - * 4pcs adapters 10 x 53mm (M6 x 0.75)
 - * 4pcs adapters 10 x 60mm (M6 x 1.0)



FTSS3025

FUEL TANK SENDER SPANNER SET

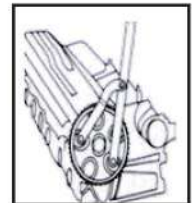
- Universal application of 247mm Driver:
- For Removing and replacing the plastic Retaining Ring on the Sender unit on fuel Tanks
- Include : 5 Series of extension, that include for PSA and Renault models.
- Range for : Min 70mm to Max 170mm



PH6264

UNIVERSAL PULLEY HOLDER

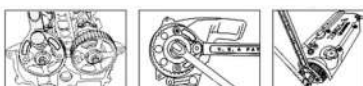
- This set is designed to removes and installs fan clutch & hold the camshaft pulley.
- Use for most of the cars.
- Contents with different tap to fit any cars and pin width can adjust.
- Can adjust different width from 40m/m to 220m/m.
- Size available : Ø6m/m-Ø10m/m, Ø8m/m-Ø11m/m, Ø10m/m-Ø12m/m, Ø11m/m-Ø16m/m



PH6266

UNIVERSAL PULLEY HOLDER

- Especially for holding the pulley screw hole and avoid free turn from the pulley and bolt.
- Work in the situation when replace the pulley bolt.
- Available for universal engines ; suitable working for
 - Camshaft Pulley
 - Crankshaft Pulley
 - Fan Pulley
 - Idle Pulley
- Provide 8 Adaptor With four sizes to fit pulley screw sizes.
- Special product advantages.
- Adjustable jaw provides automatically lock of pulley.
- Considerable blue handle coating design provides better holding by users.



*Picture shown are for reference only



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- Slip joint design makes adjustment fast and easy.



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- Double-hinge construction for high clamping power.
- Flexible handle for narrow space.
- Size: 60-160mm
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OFW5000

TWO WAY OIL FILTER WRENCH

- Removes all oil filter from 2-1/2" to 4" in diameter.
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- Size : range 2-1/2" - 4" (63-102mm)



OFW5300

TWO WAY OIL FILTER WRENCH

- 3 Legs and two way.
- With 3/8" & 1/2"DR or use with 21mm wrench.
- Size : 2-9/16" - 4-3/4" (65 - 120mm)



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OFW3148

120-140MM TWO WAY OIL FILTER WRENCH

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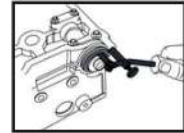
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Application : BENZ, FORD, MAZDA, VW, AUDI, OPEL, FIAT, GM BMW



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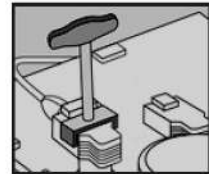
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- Use with deep socket.



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- Long shafts with composite T-style handle for added control and stability.
- Prevents damage to ignition coils whilst allowing faster removal.



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PIW6600 POWERBAR HAND IMPACT WRENCH

- Remove and replace harmonic Balancer Pulleys. Up to 600ft/lb of torque. Applications include pulleys. Flywheels. Couplings. flanges. Lawn mower base plate.etc.



*Picture shown are for reference only



DG1008 DIAL GAUGE

- This JIS standard light weight and compact dial indicator is made for precision and durability. It is shock-proof.
- Specifications.
 - Range : 10mm
 - Graduation : 0.01mm
 - Reading : 0~100^μ



MB1001 MAGNETIC BASE

- For holding dial indicator and other measuring instruments equipped with On / Off switch control
- Specifications.
 - Size : L64mm x W50mm x H54mm
 - Arm Length : 173mm / 165mm
 - Weight : 1.5kg



SE6024 STRAIGHT EDGE

- Great stability with 5/8" width, 1-3/8" height and 20-1/2" length. Convenient hanging hole and edge protector.
- Use with feeler gauges to check for distortion in engine blocks, cylinder heads and fly wheels.



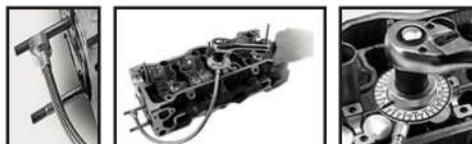
ATG6814 ANGLE TORQUE GAUGE

- Measures angle of rotation after pre-torque load in torque-angle applications.
- 360 degree scale clearly marked in 2 degree increments & in intervals of 10 & 30.
- Easily zero the gauge by turning housing for next application.



MATG6816 MAGNETIC ANGLE TORQUE GAUGE

- Surface scale is 360^o, minimum is 2^o. It can be set by right of left.
- Flexible hose can be used in curve space, all length is 418mm. It has a powerful magnet in front and easy to fix on every position.
- Operated by 1/2" wrench will be more convenient owing to appropriate distance between axle center and scale plate.



**Picture shown are for reference only*



RT1018A RADIATOR PRESSURE TESTER

- According to the type of car , choose a suitable adaptor and screw it in the inlet of radiator then have the manual pump pressure increases to 15-20psi and stay the level 5-10 minutes for checking.
- Before using no.2 universal adaptor, be sure to clear up the inlet of the radiator then check its size & chose an appropriate rubber ring to fit then screw secure It to the inlet of the radiator.
- Specification
 - 0 : Needle Thermometer
 - 1 : Manual pump with quick joint & release valve
 - 2 : Univesal adaptor with 3 rubber rings (used for cars not listed on No.3-5)
 - 3 : Japanese R123 Adaptor-suitable for benz, GM (buick) & Jeep
 - 4 : Japanese R123 adaptor-Suitable for Peugeot, Subaru, Chrysler, Acure, GM [Nova, spectrum & Sprint) Mitsubishi, Nissan, Mazda, Toyota, Infiniti Geo, Suzuki, Isuzu & Ford.
 - 5 : Japanese R125 adaptor-suitable for Honda, Toyota, Suzuki, Mitsubishi



RT1018 RADIATOR PRESSURE TESTER

Specification

- 0 : Temperature
- 1 : Pressure Testing Pump With Gauge
- 2 : GM (cadillac)
- 3 : Mercedes, GM (Buick), Jeep
- 4 : Peugeot, Subaru, Chrysler, Acura, GM(Nova, Spectrum, Sprint), Mitsubishi, Nissan, Mazda, Toyota, Infiniti, GEO, Suzuki, Isuzu, Mercedes
- 5 : Honda, Toyota, Suzuki, Mitsubishi, Chrysler, Acura
- 6 : Mercedes (ML-Class), GM (Achiva, Skylark, Gramd Am-1992~2002) Vehicle
- 7 : Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep
- 8 : VW (Vento, T4, Passa-1996, Golf, Beetle, Sharan)
- 9 : Audi(A4, A5, A6), BMW345, VW(Passa-1997~2002), Porsche(Cayenne)
- 10 : BMW
- 11 : Audi, VW
- 12 : Mondeo, International, Land Rovar, Opel, Jaguar, Ssang yong, Motor, BMW60
- 13 : Mercedes (C-class, E-class, S-class)



RT1017A RADIATOR PRESSURE TESTER

Specification

- 0 : Temperature
- 1 : Pressure Testing Pump With Gauge
- 2A : Connector R123/R124 (Black Colour)
- 2B : Connector R123/R125 (Blue Colour)
- 3 : Mercedes Benz (W123, W126, W124, W201) GM(Buick) Jeep
- 4 : Peugeot, Subaru, Chrysler, Acura, GM(Nova, Spectrum, Sprint) Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Geo, Suzuki, Isuzu, Mercedes
- 5 : Honda, Toyota, Suzuki, Mitsubishi, Chysler, Acura
- 6 : Mercedes Benz (ML-class, W162, W164) GM(Achiva, Skylark, Gramd, Am- 1992~2002) Vehicles
- 7 : Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep
- 8 : VW(Vento, T4, Passa-1996, Golf, Beetle, Sharan)
- 9 : Audi (A4, A5, A6), BMW345, VW(Passa-1997~2002), Porsche(Cayenne)
- 10 : BMW (E46, E36, E34, E39, E38, E32, E90)
- 11 : Audi, VW
- 12 : Mondeo, International, Land Rover, Opel, Jaguar, Ssang Yong Motor, BMW E60
- 13 : Mercedes Benz (C-class, E-class, S-class, W140, W220, W124, W210, W211, W215, W216, W221, R230)
- 14 : Mondoe, Focus, C-Max03
- 15 : Mazda M3, Volvo (New Model)



RADIATOR LEAKAGE TESTING ADAPTOR

Item code	Applicable
RT1017-17	BMW E60, E65, E81, E88, E87
RT1017-18	VW SHARAN 1.8T, 2.8, BENTLEY
RT1017-19	TOYOTA-RAV4. PREVIA
RT1017-20	SAAB
RT1017-21	FORD, JAGUAR, OPEL, LAND ROVER, BUICK, BENZ (M-CLASS)
RT1017-5	MAZDA, HONDA, ISUZU, LEXUS, TOYOTA, SUZUKI...ETC
RT1017-4	SUBARU, BENZ, PEUGEOT, TOYOTA, KIA, HONDA...ETC
RT1017-3	JEEP, CHEVROLET, BENZ

*Picture shown are for reference only



UPS5566 UNIVERSAL PULLER SET

- With pulling legs for narrow spaces in different lengths.
- Particularly well suited to be hung up on workshop walls
- All required clamping depths available at any time.
- Size: Width: 130mm
Arms Height: 100, 200, 250mm/2pcs



UPS5568 SPECIAL TRIPLE -ARM PULLER SET

- With pulling legs for narrow spaces in different lengths.
- Particularly well suited to be hung up on workshop walls.
- All required clamping depths available at any time.
- Beam 3-Arm x 1pcs
- Beam 2-Arm x 1 pcs
- Spindle x 1 pcs
- Pair of Clamps short (for 3 hooks)
- Pair of Clamps middle (for 3 Hooks)
- Pair of Clamps long (for 3 Hooks)
- Hooks (extremely tight) x 9 pcs



ASS1522 22PCS COMPLETE KIT FOR BOSCH & DENSO TYPE ALTERNATOR PULLEYS

Contents:

- 3-Combined Socket for Alternator T50 x 113mmL Socket; M10 x 113mmL Socket; 3/8" Dr.xM10x80mmL W/ø14x33T for fiat.
- 1-Bit socket M10x140mmL.
- 3-Tenth Socket: 15mmx19mm HEX x 33 tenth; 22mm HEX x 33 tenth, 15mm x 17.50mm Hex x33 tenth.
- 2-22mm HEX Socket 17mm HEX Socket.
- 3-22x28 mm Hex socket 21x28mm Hex socket.
- 1-35mm Round Socket W/4 pins.
- 1-38mmHex W/3pins.
- 1-1/2" Dr.SQ(F)x 10mm Hex (F) Bits Adaptor.
- 1-M10xH12x64L bit.
- 6-10mm(hex Shank) x 75mmL. CR-V bit: T40,T50,M8,M10,H8,H10.

Features:

- Removes and installs press-on-type belt drive accessory pulleys.
- Works with hand tools or an impact gun.
- Interchangeable components to work on VW, Audi, Seat, Mercedes Benz, Renault, BMW, Ford Renault, Fiat Renault, Fiat, etc....



MV400 DIGITAL INSPECTION VIDEOSCOPE

- Records and plays back still images and video clips
- 3.5" high resolution full color LCD display (320x240)
- Easy-to-use, multi language interface
- Wide camera angle for images with 640x480 resolution
- With optional removable Mirco SD Card, saves images and video to take with anywhere
- On-screen horizontal/ vertical reverse
- 5x digital zoom for increased viewing
- Mini USB connector for uplading images and videos to a computer
- Narrow probe diameter available in either 8.5mm (0.33") or 5.5mm(0.22") and fits most spark plug holes
- White LED to illuminate the inspection area, with illumination control
- Views objects as close as 1"
- Oil and scratch resistant tempered glass lens
- 1M (39.4") semi-rigid, but flexible waterlight shaft
- Built-in rechargeable Li-ion battery with up to 3-4 hours of continuous use
- Ergonomic and durable tool housing

**Picture shown are for reference only*



FHC6630 FLUID HOSE CLAMP

- Use five of these tools to clamp each brake line & the master cylinder simultaneously, this allows a speedy overhaul with minimum loss of fluid & subsequent line bleeding.
- Seals flexible brake and fuel lines.
- Smooth rounded edges to ensure no damage to the internal reinforcement of hydraulic brake lines.

FHC6635 FLUID HOSE CLAMP



- Stop the oil flow and avoid damaging hoses.
- Adjustable for most kinds of flexible hoses, particularly for brake, fuel or cooling system hoses.
- Length 310mm; extension hose clamp helps repair work.
- Maximum application : 25.4mm



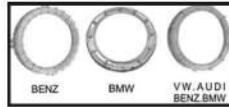
BMB6533 ADJUSTABLE FUEL TANK LID REMOVER

- To adjust from the middle track.
- You can use on all kinds of vehicle with salient fuel tank lid.
- Applicable: Benz, BMW, European cars, etc.



BMB6535 ADJUSTABLE FUEL TANK LID REMOVER

- Jaw adjustable range : 122 - 199mm , suitable for different fuel tank lid.
- Special jaws design to remove & install the tank closely.
- Use with 3/8"DR Wrench



FTW3009 WAJA / VOLVO FUEL TANK LID



FTW3008 9 POINT FUEL TANK LID TOOLS (TOYOTA / HILUX)

- Special designed to remove and install the fuel tank lock rings for most TOYOTA and LEXUS.

• 24Pt x 1/2"Dr

Application Range :

- TOYOTA : COROLLA, LAND CRUISER, MATRIX, TACOMA, YARIS S, YARIS BASE, VIOS.
- LEXUS : RX330, RX350, RX450H
- TOYOTA fuel pump gauge retainer : 77144-04010, 77144-52040
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- YARIS S, YARIS BASE : 2007~2011 ; 1.5L L4
- VIOS : 2014~
- LEXUS RX330 : 2004~2006 ; 6Cyl 3.3L, 6Cyl 3.5L
- LEXUS RX350 : 2007~2014 ; 6Cyl 3.3L , 6Cyl 3.5L
- LEXUS RX450H : 2010~2014 : 6Cyl 3.5L

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BTK6850

BELT TOOL KIT FOR ELASTIC-RIBBED BELTS

- Suitable for engines with elastic ribbed belts such as Alfa Romeo, BMW, Chrysler, Fiat, Ford, Mercedes, PSA, Seat, Skoda, Smart, Volvo, VW-Audi, etc...
- This tool set is quickly and easily removal and installation of the new elastic ribbed belts required.



PR6292

CHANGEABLE TWO JAWS PULLEY REMOVER

- Suitable for using when the space limited.
- To change the parts easily for fitting the different cars.
- Jaw length : 72/95mm
- Jaw depth : 18mm, Width : 4.4mm.



CSGK6614

CARBURETOR SYNCHRONIZER GAUGE KIT

- For testing fuel pump carburetor and transmission check auto with 2~4pcs carburetors.
- Contents :
 - * 4pcs 3-1/2 synchronize gauges with fixed plate
 - * 4pcs rubber hose 8 x 5 x 750mm
 - * 4pcs extension tube 3.9 x 52mm
 - * 4pcs extension tube 3.9 x 122mm
 - * 8pcs cone type connector 8 x 40mm
 - * 4pcs adapters 10 x 53mm (M6 x 0.75)
 - * 4pcs adapters 10 x 60mm (M6 x 1.0)



FTSS3025

FUEL TANK SENDER SPANNER SET

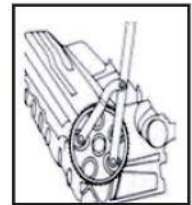
- Universal application of 247mm Driver:
- For Removing and replacing the plastic Retaining Ring on the Sender unit on fuel Tanks
- Include : 5 Series of extension, that include for PSA and Renault models.
- Range for : Min 70mm to Max 170mm



PH6264

UNIVERSAL PULLEY HOLDER

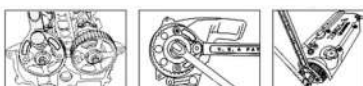
- This set is designed to removes and installs fan clutch & hold the camshaft pulley.
- Use for most of the cars.
- Contents with different tap to fit any cars and pin width can adjust.
- Can adjust different width from 40m/m to 220m/m.
- Size available : Ø6m/m-Ø10m/m, Ø8m/m-Ø11m/m, Ø10m/m-Ø12m/m, Ø11m/m-Ø16m/m



PH6266

UNIVERSAL PULLEY HOLDER

- Especially for holding the pulley screw hole and avoid free turn from the pulley and bolt.
- Work in the situation when replace the pulley bolt.
- Available for universal engines ; suitable working for
 - Camshaft Pulley
 - Crankshaft Pulley
 - Fan Pulley
 - Idle Pulley
- Provide 8 Adaptor With four sizes to fit pulley screw sizes.
- Special product advantages.
- Adjustable jaw provides automatically lock of pulley.
- Considerable blue handle coating design provides better holding by users.



*Picture shown are for reference only



OFW1309

OIL FILTER WRENCH (PLIER TYPE)

- Hardened drop forged CR-V steel tool removes stubborn filters 60mm - 90mm
- Slip joint design makes adjustment fast and easy.



OFW1310

OIL FILTER WRENCH (PLIER TYPE)

- Hardened drop forged CR-V steel tool removes stubborn filters 85mm - 115mm.
- Slip joint design makes adjustment fast and easy.



OFW1371

OIL FILTER WRENCH (CHAIN TYPE)

- All drop forged of line quality.
- Range : 45-140mm
- Length : 6" (150mm)



OFW1372

OIL FILTER WRENCH (CHAIN TYPE)

- All drop forged of line quality.
- Range : 50-200mm
- Length : 8" (200mm)



SW1373

OIL FILTER WRENCH (STRAP TYPE)

- Fits filters with a diameter of 25mm to 160mm.



OFW1374

60-160MM OIL FILTER WRENCH (CHAIN TYPR)

- Available for all type of oil filter.
- Double-hinge construction for high clamping power.
- Flexible handle for narrow space.
- Size: 60-160mm
- Length of chain : 520mm



*Picture shown are for reference only



OFW5000

TWO WAY OIL FILTER WRENCH

- Removes all oil filter from 2-1/2" to 4" in diameter.
- Use with 1/2"dr ratchet.
- Size : range 2-1/2" - 4" (63-102mm)



OFW5300

TWO WAY OIL FILTER WRENCH

- 3 Legs and two way.
- With 3/8" & 1/2"DR or use with 21mm wrench.
- Size : 2-9/16" - 4-3/4" (65 - 120mm)



TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.

Item Code	Range (mm)
OFW3142	60 - 80mm
OFW3144	80 - 110mm
OFW3146	110 - 145mm



OFW3148

120-140MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 105mm- 145mm (H 62mm)



HEAVY DUTY OIL FILTER WRENCH FOR TRUCK

- Wider band for a better grip of filters.
- stronger anchor plate for removal of excessively tight filters.
- Designed for high torque requirements.
- Not designed to be used with power tools.

Item Code	Range
OFW105125	105-125mm
OFW120140	120-140mm



OFW6420

OIL FILTER WRENCH (STEEL BELT TYPE)

- Range up to 6"(150mm)
- Strong nylon belt will not slip.



OIL FILTER WRENCH

Item Code	Length
OFW100	55-75mm
OFW200	75-95mm
OFW300	95-115mm



LPFW10

LOCKING PLIERS FILTER WRENCH (10")

- Chrome-vanadium steel made.
- This plier can be adjusted and fastened for application at any angle.
- Suitable for installing, removing and tightening objects of any shapes.
- Jaw opening : 2-1/8" to 4-5/8" (53mm - 108mm)



STANDARD STEEL FILTER WRENCH

- Stainless steel sturdy and durable mirror surface adjustable oil filter wrench for vehicle.

Item Code	Length
OFW100SS	55-75mm
OFW200SS	75-100mm



OFW1378

DOUBLE CHAIN OIL FILTER WRENCH

- Special double chain design for removing and installing oil filter in powerful.
- Operation range : Ø 60-115mm.
- 1/2" Drive.



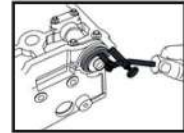
JP2266 JASONLINE TUBE PLIER

For removal and replacement of the connecting on the fuel filter.
Use the special jaws to pull the connector backwards to remove the connector.
Application : BENZ, FORD, MAZDA, VW, AUDI, OPEL, FIAT, GM BMW



SP6227 SEAL PULLER

- Engage the adjustable hook behind the seal.
- Brace the push rod against the engine head then push the handle to remove the seal.
- Remove the seal easily & Quickly without damage to the cam & crank shaft.



SPP6230 SPARK PLUG PLIER

- The spark plug socket pliers is specially designed for removing hard to reach high voltage lead wire.
- Good insulated handle and the grooves avoid any sliding down in operation, especially on Mercedes-Benz.



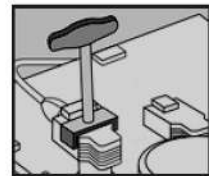
HTC6615 SPARK PLUG HOLE THREAD CHASER

- Double ended for both 14mm & 18mm threads.
- Cleans the threads in spark plug hole.
- Use with deep socket.



SPPS04 4PCS SPARK PLUG PULLER SET

- Suitable for installation/removal of ignition coils on VAG vehicles.
- Long shafts with composite T-style handle for added control and stability.
- Prevents damage to ignition coils whilst allowing faster removal.



US6222 UNIVERSAL SEPARATOR

- Multi-purpose puller set for balancer, pulley & gear.
- Application : FORD, TOYOTA, LEXUS GS 300 (1999-2004)



PIW6600 POWERBAR HAND IMPACT WRENCH

- Remove and replace harmonic Balancer Pulleys. Up to 600ft/lb of torque. Applications include pulleys. Flywheels. Couplings. flanges. Lawn mower base plate.etc.



*Picture shown are for reference only



DG1008 DIAL GAUGE

- This JIS standard light weight and compact dial indicator is made for precision and durability. It is shock-proof.
- Specifications.
 - Range : 10mm
 - Graduation : 0.01mm
 - Reading : 0~100[†]



MB1001 MAGNETIC BASE

- For holding dial indicator and other measuring instruments equipped with On / Off switch control
- Specifications.
 - Size : L64mm x W50mm x H54mm
 - Arm Length : 173mm / 165mm
 - Weight : 1.5kg



SE6024 STRAIGHT EDGE

- Great stability with 5/8" width, 1-3/8" height and 20-1/2" length. Convenient hanging hole and edge protector.
- Use with feeler gauges to check for distortion in engine blocks, cylinder heads and fly wheels.



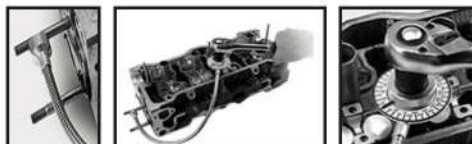
ATG6814 ANGLE TORQUE GAUGE

- Measures angle of rotation after pre-torque load in torque-angle applications.
- 360 degree scale clearly marked in 2 degree increments & in intervals of 10 & 30.
- Easily zero the gauge by turning housing for next application.



MATG6816 MAGNETIC ANGLE TORQUE GAUGE

- Surface scale is 360^o, minimum is 2^o. It can be set by right of left.
- Flexible hose can be used in curve space, all length is 418mm. It has a powerful magnet in front and easy to fix on every position.
- Operated by 1/2" wrench will be more convenient owing to appropriate distance between axle center and scale plate.



**Picture shown are for reference only*



RT1018A RADIATOR PRESSURE TESTER

- According to the type of car , choose a suitable adaptor and screw it in the inlet of radiator then have the manual pump pressure increases to 15-20psi and stay the level 5-10 minutes for checking.
- Before using no.2 universal adaptor, be sure to clear up the inlet of the radiator then check its size & chose an appropriate rubber ring to fit then screw secure It to the inlet of the radiator.
- Specification
 - 0 : Needle Thermometer
 - 1 : Manual pump with quick joint & release valve
 - 2 : Univesal adaptor with 3 rubber rings (used for cars not listed on No.3-5)
 - 3 : Japanese R123 Adaptor-suitable for benz, GM (buick) & Jeep
 - 4 : Japanese R123 adaptor-Suitable for Peugeot, Subaru, Chrysler, Acure, GM [Nova, spectrum & Sprint) Mitsubishi, Nissan, Mazda, Toyota, Infiniti Geo, Suzuki, Isuzu & Ford.
 - 5 : Japanese R125 adaptor-suitable for Honda, Toyota, Suzuki, Mitsubishi



RT1018 RADIATOR PRESSURE TESTER

Specification

- 0 : Temperature
- 1 : Pressure Testing Pump With Gauge
- 2 : GM (cadillac)
- 3 : Mercedes, GM (Buick), Jeep
- 4 : Peugeot, Subaru, Chrysler, Acura, GM(Nova, Spectrum, Sprint), Mitsubishi, Nissan, Mazda, Toyota, Infiniti, GEO, Suzuki, Isuzu, Mercedes
- 5 : Honda, Toyota, Suzuki, Mitsubishi, Chrysler, Acura
- 6 : Mercedes (ML-Class), GM (Achiva, Skylark, Gramd Am-1992~2002) Vehicle
- 7 : Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep
- 8 : VW (Vento, T4, Passa-1996, Golf, Beetle, Sharan)
- 9 : Audi(A4, A5, A6), BMW345, VW(Passa-1997~2002), Porsche(Cayenne)
- 10 : BMW
- 11 : Audi, VW
- 12 : Mondeo, International, Land Rovar, Opel, Jaguar, Ssang yong, Motor, BMW60
- 13 : Mercedes (C-class, E-class, S-class)



RT1017A RADIATOR PRESSURE TESTER

Specification

- 0 : Temperature
- 1 : Pressure Testing Pump With Gauge
- 2A : Connector R123/R124 (Black Colour)
- 2B : Connector R123/R125 (Blue Colour)
- 3 : Mercedes Benz (W123, W126, W124, W201) GM(Buick) Jeep
- 4 : Peugeot, Subaru, Chrysler, Acura, GM(Nova, Spectrum, Sprint) Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Geo, Suzuki, Isuzu, Mercedes
- 5 : Honda, Toyota, Suzuki, Mitsubishi, Chyler, Acura
- 6 : Mercedes Benz (ML-class, W162, W164) GM(Achiva, Skylark, Gramd, Am- 1992~2002) Vehicles
- 7 : Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep
- 8 : VW(Vento, T4, Passa-1996, Golf, Beetle, Sharan)
- 9 : Audi (A4, A5, A6), BMW345, VW(Passa-1997~2002), Porsche(Cayenne)
- 10 : BMW (E46, E36, E34, E39, E38, E32, E90)
- 11 : Audi, VW
- 12 : Mondeo, International, Land Rover, Opel, Jaguar, Ssang Yong Motor, BMW E60
- 13 : Mercedes Benz (C-class, E-class, S-class, W140, W220, W124, W210, W211, W215, W216, W221, R230)
- 14 : Mondoe, Focus, C-Max03
- 15 : Mazda M3, Volvo (New Model)



RADIATOR LEAKAGE TESTING ADAPTOR

Item code	Applicable
RT1017-17	BMW E60, E65, E81, E88, E87
RT1017-18	VW SHARAN 1.8T, 2.8, BENTLEY
RT1017-19	TOYOTA-RAV4. PREVIA
RT1017-20	SAAB
RT1017-21	FORD, JAGUAR, OPEL, LAND ROVER, BUICK, BENZ (M-CLASS)
RT1017-5	MAZDA, HONDA, ISUZU, LEXUS, TOYOTA, SUZUKI...ETC
RT1017-4	SUBARU, BENZ, PEUGEOT, TOYOTA, KIA, HONDA...ETC
RT1017-3	JEEP, CHEVROLET, BENZ

*Picture shown are for reference only



UPS5566 UNIVERSAL PULLER SET

- With pulling legs for narrow spaces in different lengths.
- Particularly well suited to be hung up on workshop walls
- All required clamping depths available at any time.
- Size: Width: 130mm
Arms Height: 100, 200, 250mm/2pcs



UPS5568 SPECIAL TRIPLE -ARM PULLER SET

- With pulling legs for narrow spaces in different lengths.
- Particularly well suited to be hung up on workshop walls.
- All required clamping depths available at any time.
- Beam 3-Arm x 1pcs
- Beam 2-Arm x 1 pcs
- Spindle x 1 pcs
- Pair of Clamps short (for 3 hooks)
- Pair of Clamps middle (for 3 Hooks)
- Pair of Clamps long (for 3 Hooks)
- Hooks (extremely tight) x 9 pcs



ASS1522 22PCS COMPLETE KIT FOR BOSCH & DENSO TYPE ALTERNATOR PULLEYS

Contents:

- 3-Combined Socket for Alternator T50 x 113mmL Socket; M10 x 113mmL Socket; 3/8" Dr.xM10x80mmL W/ø14x33T for fiat.
- 1-Bit socket M10x140mmL.
- 3-Tenth Socket: 15mmx19mm HEX x 33 tenth; 22mm HEX x 33 tenth, 15mm x 17.50mm Hex x33 tenth.
- 2-22mm HEX Socket 17mm HEX Socket.
- 3-22x28 mm Hex socket 21x28mm Hex socket.
- 1-35mm Round Socket W/4 pins.
- 1-38mmHex W/3pins.
- 1-1/2" Dr.SQ(F)x 10mm Hex (F) Bits Adaptor.
- 1-M10xH12x64L bit.
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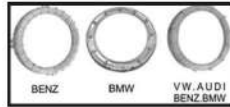
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- TACOMA : 2005~2014 ; 4Cyl 2.7L, 6Cyl 4.0L
- YARIS S, YARIS BASE : 2007~2011 ; 1.5L L4
- VIOS : 2014~
- LEXUS RX330 : 2004~2006 ; 6Cyl 3.3L, 6Cyl 3.5L
- LEXUS RX350 : 2007~2014 ; 6Cyl 3.3L , 6Cyl 3.5L
- LEXUS RX450H : 2010~2014 : 6Cyl 3.5L

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 - * 8pcs cone type connector 8 x 40mm
 - * 4pcs adapters 10 x 53mm (M6 x 0.75)
 - * 4pcs adapters 10 x 60mm (M6 x 1.0)



FTSS3025

FUEL TANK SENDER SPANNER SET

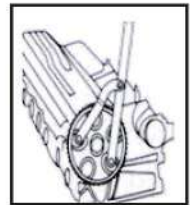
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- For Removing and replacing the plastic Retaining Ring on the Sender unit on fuel Tanks
- Include : 5 Series of extension, that include for PSA and Renault models.
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PH6264

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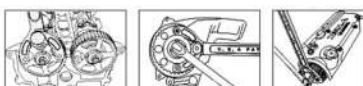
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- Use for most of the cars.
- Contents with different tap to fit any cars and pin width can adjust.
- Can adjust different width from 40m/m to 220m/m.
- Size available : Ø6m/m-Ø10m/m, Ø8m/m-Ø11m/m, Ø10m/m-Ø12m/m, Ø11m/m-Ø16m/m



PH6266

UNIVERSAL PULLEY HOLDER

- Especially for holding the pulley screw hole and avoid free turn from the pulley and bolt.
- Work in the situation when replace the pulley bolt.
- Available for universal engines ; suitable working for
 - Camshaft Pulley
 - Crankshaft Pulley
 - Fan Pulley
 - Idle Pulley
- Provide 8 Adaptor With four sizes to fit pulley screw sizes.
- Special product advantages.
- Adjustable jaw provides automatically lock of pulley.
- Considerable blue handle coating design provides better holding by users.



*Picture shown are for reference only



TSS1205 5PCS TWIST SOCKET SET

- This socket set is a tool and it is specially designed for loosening a nut which can not be done by a socket or wrench.
- This tool is only useful for a nut with positive threads.
- This tool can be also used while a nut could not be loosen in a normal way because of rust and deformation.
- This socketset is made of SNCM439 with HRC 50-53 hardness.
- Size : 17,19, 21, 22mm & Bar



TSS1212 12PCS TWIST SOCKET SET

- Use on the damaged screw and nuts.
- Special spiral design for easier to remove the damaged screw.
- The deep design for easier use on the tire screw.
- Size : 3/8"dr - 8mm, 10mm, 12mm & 13mm (Length 32mm), 1/2"dr - 14mm, 15mm, 16mm, 17mm, 19mm & 21mm (Length 34mm)
- 2pcs pin punches 72.80mm



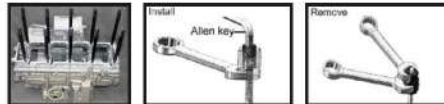
TSS1210 10pcs TWIST SOCKET SET

- Use on the damaged screws & nuts.
- Special spiral design for easier to remove the damaged screws.
- Hex design for deep hut of shaft.
- Size : 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, & 19mm



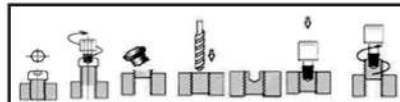
SRS6608 STUD REMOVAL / INSTALL SET

- Allows removal and installation of studs without damaging threads.
- Allows tightening and torque without compromising thread integrity.
- Industrial quality steel construction with black oxide finish for longer tool life.
- Comes with durable, protective carrying case to keep pieces from getting lost.
- Comes with 6mmx1.0, 8mmx1.25, 10mmx1.50 stud installers.



SES1515 SCREW EXTRACTOR

- Use with either a spanner or socket.
- Special short length for use in a restricted space.
- Hammer this tool into damaged screw and reverse to remove the screw.



TRK5201 WHEEL STUB THREAD RESTORER KIT

- Unique design allows for the two halves of the thread restorer to be fitted on the good thread and wound back over the damaged thread normally at the end of the stud.
- Traditional thread restorers rely on luck for the restored and undamaged threads to align.
- Capacity : M12x1.25, M12x1.5, M14x1.5 for small vehicle.





PPS 5588

6PCS PIN PUNCH SET

- Size: 2, 3, 4, 5, 6, 8mm
- Material: high quality chrome-molybdenum steel
- Steel case

Item Code	Length
PP02	150mm
PP03	150mm
PP04	150mm
PP05	150mm
PP06	150mm
PP08	150mm



CPS5599

6PCS CHISEL & PUNCH SET (BOX TYPE)

- 1pc 4mm x 120mm Centre Punch
- 1pc 3mm x 120mm Taper Punch
- 1pc 5mm x 125mm Cross cut Chisel
- 1pc 12mm x 125mm Cold Chisel
- 1pc 16mm x 150mm Cold Chisel
- 1pc 4mm x 150mm Pin Punch



CS6062

CHISEL SCRAPER

- The stainless steel blade is designed with a chisel edge.
- Width of blade : 1-1/4" (30mm)
- Full tang construction. Heat-treated. Precision ground. Mirror finished.
- Overall Length : 8" (200mm)



ACP101H

AUTO CENTRE PUNCH

- Punches, marks, scribes and starts drill, nail or screw holes
- One-hand spring impact operation, no hammer needed
- Ball bearing action
- Lightweight aluminum body with long wearing alloy steel parts
- Hardened steel point



HPS6009

9PCS HOLLOW PUNCH SET

- Cut holes in leather, paper, plastic, wood sheet and any other soft material.
- Hollow Punch : 2.5mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm & 10mm.



MT6199

MAGNETIC TRAY

- Two 3-1/4" Heavy duty magnets clamp to ferrous metal surfaces for strong holding power on the stainless steel tray.
- Holds tools & parts even works upside down.
- Size : 240mm x 140mm



*Picture shown are for reference only



AC09M
9" MADA AIR CHUCK



PG-M
MADA PRESSURE GAUGE

- 160 lb/in 2
- 10 to 160 psi /1 to11 kg



AC15M
15" MADA AIR CHUCK



PB1531
31" JUMBO PRY BAR

- Go though alloy steel square.
- Rugged firm grip designed plastic handle.
- Excellent for prying engine, cyclinder head, transmission cases, manifold and drive line components.



PBS04
4PCS PRY BAR

- 7/16" x 24"L (11.1mm x 609.6mm)
- 7/16" x 18"L (11.1mm x 457.2mm)
- 3/8" x 12"L (8.5mm x 304.8mm)
- 1/4" x 8"L (6.4mm x 203mm)



PBS05
5PCS PRY BAR SET

- 1/4" X 7-1/2" (6.4mm x 190.5mm)
- 3/8" x 11" (8.5mm x 279.4mm)
- 7/16" x 17" (11.1mm x 431.8mm)
- 1/2" x 24" (12.7mm x 609.6mm)
- Rolling Bar : 16" (406.4mm)



MPUT6128
MAGNETIC PICK UP TOOL

- Flexible shaft bends & holds in all position
- Long & slender shaft for easy access to cinfined areas.
- Comfort-grip handle.m)



SR6284

1/2" DR STUB REMOVER

- Welded body and made of middle carbon steel.
- Capacity : 1/4" to 3/4", available in metric sizes.



CAST STEEL SWIVEL BENCH VISE

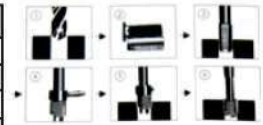
Item Code	Jaw Width	Max. Opening	Weight
BV3004	4"	4"	7.5kgs/8.3kgs/0.4'
BV3005	5"	5"	11kgs/12kgs/0.6'
BV3006	6"	6"	14.5kgs/16kgs/0.8'
BV3008	8"	8"	20.5kgs/22kgs/1.2'



THREAD REPAIR KIT

- Each set contents twistdrills, breaking pintool, screw top and intallation tool.

Item Code	Spec.	Length
TRK0508	M5 x 0.8	5.3mm
TRK0610	M6 x 1.0	9mm
TRK08125	M8 x 1.25	9mm
TRK10125	M10 x 1.25	11mm
TRK10150	M10 x 1.50	11mm
TRK12125	M12 x 1.25	13mm
TRK12150	M12 x 1.50	13mm
TRK14125	M14 x 1.25	14.6mm
TRK14150	M14 x 1.50	14.6mm



STAINLESS STEEL HOSE CLIP

Item Code	Size	Spec
SSHC01	1"	13mm - 26mm
SSHC011/2	1-1/2"	21mm - 38mm
SSHC011/4	1-1/4"	16mm - 32mm
SSHC02	2"	32mm - 51mm
SSHC021/4	2-1/4"	38mm - 57mm
SSHC03	3"	57mm - 76mm
SSHC3/4	3/4"	10mm - 19mm
SSHC5/8	5/8"	5.6mm - 16mm
SSHC7/8	7/8"	10mm - 23mm



TDS40T

40PCS TAP & DIE SET

- Contents :
- 34pcs - Tap And Die:
M3x0.5, M3x0.6, M4x0.7, M4x0.75, M5x0.8, M5x0.9, M6x0.75, M6x1.0, M7x0.75, M7x1.0, M8x1.0, M8x1.25, M10x1.25, M10x1.5, M12x1.25, M12x1.75 & 1/8NPT27
- 1pcs Tap Wrench (m3-m12)
- 1pcs "T" Type Tap Wrench
- 1pcs Die Stock 25mm
- 1pcs Screw Driver
- 1pcs Screw Pitch Gauge
- 1pcs Blow Case



TC6778

UNIVERSAL OUTSIDE THREAD CHASER

- Precision dies restore threads to their original conditions.
- Eliminates the need for expensive thread cutting equipment.
- Tighten the tool slightly on the goods threads, then back off over the damaged thread area to restore the threads.
- Capacity : mm 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3, 3.5



*Picture shown are for reference only



HPS6420

5PCS HOOK & PICK SET

- Stainless steel points.
- Set contains sawl, hook tool, 45 degree & 90 degree bent tool.
- Use for detail works and scricing, picking jobs.



HPS06

6PCS EXTRA LONG HOOK & PICK SET

- Includes : Straight pick, 90 Pick, Double angle pick, Complex pick, and Hook pick.
- Perfect for removing fuses and O-rings.
- Ideal for separating wires.
- Black finish carbon steel, Soft anti slip grips.
- 240mm long including the handle.



CSS6063

3PCS CHISEL SCRAPER KNIFE SET

- Size : 15mm, 20mm & 30mm
- Stainless steel, heat treatment of knife.
- High grade wooden grip.
- Sharp tip.



HRS3005

5PCS HANDY REMOVER SET

- For plastic upholstery fastener.
- Place tool under edge of door panel and into fastener as fast as possible, then simply pry up.
- Large support are to protect clips and pad.



HRS3006

6PCS HANDY REMOVER SET

- Special designed with an extra slim profile and unique shape for the delicate task of fine fascia trim and bezels.
- Make from impact resistant high nylon to prevent scratch or mar fascia like metal tools made.
- Applicable : air vents, door panels, door locks, electronic, seat controls, levers, center counsels, gear shifthers, etc. ...



ORK407 & ORK419

O-RING KIT (INCH & MM)

- Material Buna -N passed ASTM Oil # 1 & # 3 Lab test
- Perfect for all auto, trucks, tractors, farm/heavy equipment, plumbers & even hydraulic repair.
- Includes 32 most commonly used sizes in one carrying case.
- **Specifications**
 - Available Int'l Standard Inch Size
 - No: Prom 001-475
 - Standard metric size: 1mm-10mm
 - O-Ring Cords Size available :2-20mm (100mm/Roll)



FTK6201

HYDRAULIC FLARING TOOLS KIT

Specifications

- Auto Repair Tools
For flaring tube of GM fuel line, brake line, transmission line and A/C line.
- Auto Repair Tools
- This flaring kit includes various sizes of dies and adapters to work on flaring tube of GM fuel line, brake line, transmission line and A/C line.
- One 45 degree adapter is suitable for working a double flare.
- A big handle on the hydraulic pump helps save energy.
- The set is packed with a case for easier and safer storage for dies and adapters.
Material: alloy steel.



TRK14SPS

M14X1.25 SPARK PLUG THREAD REPAIR KIT

Introduction:

- This tool is designed for repairing stripped or damaged threads on spark plug seat.
 - Tap (M14*1.25p) - Insert drive (ID:3/8")
 - Step-Tap (M14*1.25P; M15.8*1.25P) - Seat cutter
 - Wrench (ID:3/8") - Insert (L:15mm & L:9.4mm)
 - T-bar (3/8") - Alley Key 2.5mm (For No.3 Wrench)



CPS555

555PCS CONTTER PIN ASSORTMENT

Contents:

- 1.6 x 25mm - 210pcs
- 2.4 x 25mm - 150pcs
- 2.4 x 38mm - 100pcs
- 3.2 x 32mm - 50pcs
- 3.2 x 50mm - 30pcs
- 4.0 x 64mm - 15pcs



SNS300

300PCS SNAP RING SET

- 18 Popular Sizes (Inner Diameter)

- 3mm : 20pcs	- 11mm : 15pcs	- 20mm : 15pcs
- 4mm : 10pcs	- 12mm : 15pcs	- 22mm : 20pcs
- 5mm : 15pcs	- 13mm : 25pc	- 25mm : 15pcs
- 6mm : 25pcs	- 14mm : 15pcs	- 26mm : 15pcs
- 8mm : 15pcs	- 16mm : 20pcs	- 28mm : 10pcs
- 9mm : 20pcs	- 19mm : 25pcs	- 32mm : 5pcs



SS200

200PCS SPRING SET

- Extended Springs :

- 7x1.25mm 10pcs	- 4.5x44.5mm 8pcs	- 9.5x16mm 6pcs
- 5.5x25.5mm 10pcs	- 7x38mm 10pcs	- 9.5x19mm 12pcs
- 6.5x22mm 10pcs	- 8.5x36.5mm 10pcs	- 4x79.5mm 12pcs
- 8x28.5mm 8pcs		- 9x35mm 8pcs
- 8x31.5mm 10pcs	• Compressed Springs:	- 5.5x38mm 10pcs
- 8.5x47mm 12pcs	- 7x1.25mm 10pcs	- 7x19mm 10pcs
- 8x44.5mm 12pcs	- 6.5x10mm 10pcs	
- 7x51mm 12pcs	- 5.5x17mm 10pcs	

*Picture shown are for reference only



TLB6650B

26" TYRE LEVER BAR (BENCH)

- Special bend design to use in recessed areas, when come off the tyre and drive shaft etc.
- Material:CR-V
- Length:650mm



TLB6650S

26" TYRE LEVER BAR

- Special bend design to use in recessed areas, when come off the tyre and drive shaft etc.
- Material:CR-V
- Length:650mm



TLB530

21" TYRE LEVER BAR

- Special bend design to use in recessed areas, when come off the tyre and drive shaft etc.
- Material:CR-V
- Length:530mm



TLB3324

24" TYRE LEVER BAR

- Front flat 90° design to come off the drive shaft
- Material:CR-V
- Length:600mm

ROTARY BURR

G061606 

C102006 

F102006 

G102006 

F122506 

H082006 

E122006 

L102506 

L061606 

B102006 

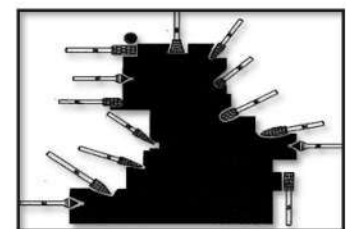
G102506L 

L102006L 

F102006L 

C102006L 

E101606L 



*Picture shown are for reference only



PSC11

DISPOSABLE SEAT COVERS

- Perforated on roll 50/pkt.
- Size : 870 x 775mm



SC1322

SEAT COVER

- Universal Size.
- Material : PVC



MFC1300

MAGNETIC FENDER COVER

- Heavy, long wearing foam vinvy.
- Protect the car.
- with three special magnetic in the cover.
- Material : PVC
- Size : 500mm x 875mm



MC6000

MECHANICS CREEPERS

- One-piece construction.
- Easy to clean surfaces.
- Resistant to solvents, grease and fuels.
- Size : 1000mm x 510mm x 90mm



MC6636

MECHANICS CREEPERS

- Design for 6 wheels to make it stronger.
- Easy and cosy to lie on the creepers.
- The creeper with foam inside and concave design to make you easy and cosy to lie on.
- Size : 1020mm x 430mm x 111mm



MC6342

42" MECHANICS CREEPERS

- Comfortable padded headrest.
- Large, ergonomically designed surface.
- Handle at the foot end for pulling and carrying.
- Load capacity up to 150kg.
- Size : 1050mm x 410mm x 95mm



WB6009 **WORKBENCH**

- Strong Structure heavy duty workbench.
- Powder coating.
- Plus 3 drawer chest (ball bearing slide)
- Oil-resistant, acid-resistant, moisture-resistant, and anti-slip cutting board could be the worktop for workbench.
- Size : W1565mm x D766mm x H800mm



WB6010 **WORKBENCH W.BACKPANEL**

- Strong Structure heavy duty workbench.
- Powder coating.
- Plus 3 drawer chest (ball bearing slide)
- Oil-resistant, acid-resistant, moisture-resistant, and anti-slip cutting board could be the worktop for workbench.
- Size : W1565mm x D766mm x H1500mm



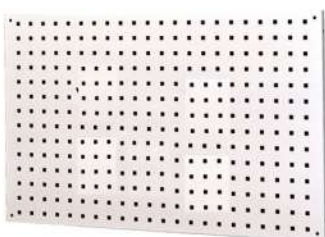
WB02 **TWO DRAWER WORKBENCH**

- Strong Structure heavy duty workbench.
- Powder coating.
- Plus 2 drawer chest (ball bearing slide)
- Size : W1524mm x D762mm x H864mm



SC03HD **SERVICE CART**

- Overall : H630 x W370 X L735



DB0204 **STEEL DISPLAY BOARD**

- Made of steel to make it stronger.
- Include special screw to fix the board.



ECR08

8 TON RAM (FOR ENGINE CRANE)

- Chrome-plated cylinder rod inhibits rusting, and corrosion.
- Larger diameter pump pistons for faster rising action.
- Designed with swivel handle provides fast engine removal and replacement from any directions.
- Capacity : 8 ton



GJ02L

2 TON LOW PROFILE GARAGE JACK

- Weight : 40kg
- 34" Extra Long chassis
- Height Range : 3" to 24 "
- Dual Pump for rapid lifting



GJ03C

3 TON GARAGE JACK

- Weight : 32kg
- 24" chassis



FLOOR TRANSMISSION PICK JACK

Model	FTJ0.5	FTJ1.5
Capacity	500 Kg	1.5 Ton
Height	200-670mm	230-890mm
G.W/N.W	58/50kg	83.5/73.5kg



ABJ2550

50/20TON AIR BUS JACK

- Capacity : 50/25T
- Air Pressure : 0.8 - 1.2 MPA
- Minimum Height : 210mm
- Lift : 460mm
- Rated Pressure :
- Net Weight : 60kg



EC02L

FOLDING ENGINE CRANE

- Length : 2300mm
- Width : 1300mm
- Height : 1575mm
- Lifting range : 25mm - 2383mm (1-93-3/4)
- Capacity : 2 Ton

*Picture shown are for reference only



500KG ENGINE SUPPORT BAR

- Straddling the inner fender walls and acting as a bridge to support engines,
- Adjustable in height and width to brige various vehicle fender walls and securely hold engine in place.
- Including slider bolt that can be positioned anywhere on the bar for the best weight distribution.

Item Code	Length
ESB500C	1510mm
ESB500T	1610mm



ES1250

1250LBS ENGINE STAND

- Accept a wide variety of engines and tranmissions.
- The head swivel 360 for accessibility to all part of the engine.
- Fully adjustable mounting arms.
- Swivel castors provide excellent manoeuvrability.



ES01

1 TON FOLDING ENGINE STAND

- Capacity : 2000 Lbs



TPJ500

TALL TRANSMISSION JACK

- Min height : 210mm
- Max height : 775mm
- Front tilt : 60
- Overall size : 950mm x 5480mm x 276mm
- Capacity : 500kg



TPJ500-02B

500KG 2 STAGE TALL TRANSMISSION PICK JACK

- Min Height : 855mm
- Max Height : 1770mm
- G.W : 82kg
- M.W : 75kg
- Capacity : 500kg

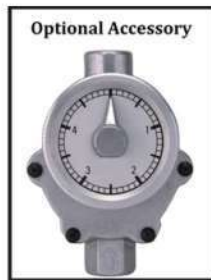


SB500

TELESCOPIC TRANSMISSION JACK

- Fully adjustable universal saddle with adjustable corner brakets and safety chain.
- Flash chromed rods inhibits rust from entering hydraulic system.
- Rugged welding construction prevents jack from leakage afther collisn and / or deformation.
- Foot operated hydraulic stages allow for precise load control as well as rapid lifting abilities.
- Wide base with four 3" dia. Swivel casters provide stability and easy maneuvering.

*Picture shown are for reference only



HOP20C

HAND OPERATED OIL PUMP

- Output capacity : 40cc / stroke
- Capacity : 20 Liters

* **Optional Accessory**

HOP-G

HAND OPERATED OIL PUMP ACCESSORIES

- Connections Size : 1/2"pt
- Pressure : 128 kg/cm² (125 bar)
- Temperature : -10°C~ +50°C
- Viscosity : 8-2000 mpas
- Weight : 0.6kg



HGP20

20L HAND GREASE PUMP

- Capacity : 5Gallon
- Output Capacity : 3.2g / stroke
- Output Pressure : 250kg / cm2



OC70

70L VENTURI SYSTEM OIL EXTRACTOR

- Waste Oil Mobile reservoirs to be used for motor and gear collection.
- Drainers can be used under vehicle lifts or inside lubrication pit.
- Large handle for easy maneuverability.
- Two brake wheels (Φ3") and two casters (Φ3")
- Extra large drain bowl / Adjustable collecting bowl / For the convenient and safe collection.

Specification:-

Dimension	: 600x600x1390m/m
Capacity	: Chamber:10L Tank:60L
Weight	: 28.84 kgs
Power	: Air
Oil Draining	: Air Pressure



WOR80

80L WASTE OIL RESERVOIR

Specification:

- Heavy duty 15" x 5.5"
- Receiver funnel
- Extends from 46" to 70"
- Two 6" fixed axle wheels
- Two swivel casters for maximum maneuverability.
- 8" discharge hose with shut off valve
- Fluid level gauge is on the hose
- Air pressure valve

*Picture shown are for reference only



TFS-K10A

K10A-2 TRANSMISSION FILLING SYSTEM

- Manually operated oil dispensing unit manufactured from composite materials.
- Large visual measurement will identify amount dispensed.
- Supplied with a range of five automatic transmission fluid adaptors.
- Features a fluid control valve and adaptor stowage to minimise oil leakage when not in use.
- Supplied with a 1.8m hose connected to a special connecting nozzle.
- Complete with a set of special adapting nozzle(8 units) for modern vehicles such as : VW, Audi, Benz, Ford, etc.



TFS601

TRANSMISSION FILLING SYSTEM

- Capacity : 7.5L
- Outlet: 80cc / cycle
- Viscosity Range: up to SAE140



LD6115

PNEUMATIC OIL & LIQUID DISPENSER

- 6000cc 2 In 1 Extract & pump Dispenser.
- With 1M Nylon Hose Extracting oil Tank.
- 1.2m Pu Hose With Super Flexible Rubber Nozzle.
- Fixing Valve & Safty Cup For Automatic Cut-Off Extract.
- Suitable For Narrow & Difficult Space Filling.
- Simple And Easy To Operate Suitable Extracting & Filling Any Liquid.

Specifications:

Air Inlet	: 1/4"
AVG . Air Cons	: 2 CFM
Temperature Range	: -3°F - 140°F
Work Pressure	: 40-170 PSI
Max Capacity	: 6000 CC



OSP200

200ML OIL SUCTION PUMP

- Multi-purpose syringe ideal for the transfer of oils/fluids to and from vehicle components such as gearboxes and differentials.
- Translucent body allows easy inspection of oils and fluids.
- Capacity : 200ML



OSP1500

1500ML OIL SUCTION PUMP

- Multi-purpose syringe ideal for the transfer of oils/fluids to and from vehicle components such as gearboxes and differentials.
- Translucent body allows easy inspection of oils and fluids.
- Capacity : 1500ML



STEEL DRAIN PAN

Item Code	Capacity (Ltr)	Size (Inchi)
SDP1310	10L	14.5" X 19.5"
SDP1312	15L	17" X 25"
SDP1314	24L	21" X 33"



WASTE OIL STORAGE

- Polypropylene oil tray for easy drainage of engine and transmission oils.

Item Code	Capacity (Ltr)
WOR1308	8L
WOR1316	16L



FLEXIBLE METAL FUNNEL

Item Code	Tube Length
FMF6108	370mm
FMF6109	630mm



OP02

2L OIL POT

- Application
- Max Capacity : 2 Liters



OP04

4L OIL POT

- Application:
- Max capacity 4 liters



OF1722

5PCS OIL FUNNEL

- Big funnel opening and long ATF refilling bar provide refilling work without mess & spilling.
- Efficiently improves ATF refilling process.
- Transparent lower chamber design clearly shows fluid flow process.
- Attached durable seal with NBR material ensure secure sealing.



*Picture shown are for reference only



HA168 MANUAL / PNEUMATIC FLUID EXTRACTOR

- Multi-function new inventen product.
- Must competitive products good looking.
- Saitable for vehicle maintenance.
- Boats market agricultural machinery.
- Max capacity 6 Liters.



HA198 MANUAL / PNEUMATIC FLUID EXTRACTOR

- Enable manual / pneumatic oil extracting. Automatically alternated.
- Capacity : 18 Liters
- Max capacity : 90psi



PA1011A 10L MANUAL / PNEUMATIC FLUID EXTRACTOR

Specification:

- Dimension : 265x315x650m/m
- Caoacity : 10L
- Weight : 4.8kg
- Oil Depletion : Manual or Air



BFE1118 PNEUMATIC BRAKE FLUID EXTRACTOR

- One man in same step operate.
- Pneumatic extractor non spark.
- 1 Meter silicon hose with universal rubber adaptor.
- Can fit most type brake fitting.
- Fixing valve & safety cup for automatic cut-off extractor.

Specification :

- * Air Inlet 1/4"
- * AVG. air Con 4CFW
- * Working Peasure 70-170PSI
- * Temperature Range -3 F -140F
- * Max Capacity 2000CC



BFE1116 PNEUMATIC BRAKE FLUID EXTRACTOR & BLEEDER KIT

- Midegt size N.W. then less 1kg easy carry & operation.
- Pneumatic extrator non-spark.
- One man in same step poerete 1meter silicon hose with universal rubber adaptor.
- Can fit most vehicle brake oil bleeder fitting fixing valve.
- Safety cup for automatic cut off extrator.



MC7700 MINI CLEANER

- Suitable for rapid cleaning of small mechanical parts, motor part etc. easy to take, and good for wall mounting, save operating space.
- Overall Dimension :560x545x630mm
- Max solvent capacity : 14L
- Flowing rate : 1.9L/Min
- Power : 43W(120V/60HZ) ; 26W(230V50HZ)



ELECTRICAL PART WASHER

- Recirculation Pump.
- Removable Shelf.

Item Code	Capacity
PW20	20 Gallon
PW40	40 Gallon



PW65 65L PART WASHER

Specification:

- Cleaning tank capacity : 50 Liter
- Trolley tank capacity : 60 Liter with level indicator
- Compressor supply : 6-8kgs pressure
- pressure for output solvent : 0.4-0.5kgs
- Flowing rate : 130kgs/hour
- Max working pressure : 125psi

FC313 13PCS FLUID COUPLE

Attachment Specification



Parts No	Picture	Application
ATF-101		FORD 1/8 - 27 (NPT)
ATF-102		Universal BMW, Honda, Nisan, etc
ATF-103		VW/Audi
ATF-104		VW/Audi, Porsche
ATF-105		VW/Audi, Mini cooper M10 x 1.0,
ATF-106		VW/Audi DSG M24 x 1.5,
ATF-107		VW/Audi CVT M22 x 1.5,
ATF-108		Mercedes M12 x 1.5,
ATF-109		Skoda M18 x 1.5
ATF-110		Audi/VW, Skoda M30 x1.5
ATF-111		Universal Flexible 300mm,
ATF-112		Volvo 5/16 - 24 (UNF)
ATF-113		Toyota, Lexus M18 x 1.5

*Picture shown are for reference only



SB22L

1/2"DR SAB AIR IMPACT WRENCH

- Square Drive : 1/2"Dr Or 3/8"Dr
- Max. torque (Forward) : 400 Ft-lbs / 542 Nm
- Max. Torque (Reverse) : 450 Ft-lbs / 610 Nm
- Torque Range : 25-250 Ft-lbs / 34-340 Nm
- Standard bolt cap : 9/16 in / 14mm
- Overall Length : 5.7 in / 145 mm
- Free Speed : 12,000 rmp
- Net Weight : 3.5 lbs / 1.6kg
- Air inlet : 1/4 in



SB33L

1/2"DR SAB AIR IMPACT WRENCH

- Square Drive : 1/2"
- Max. torque (Forward) : 550 Ft-lbs / 745 Nm
- Max. Torque (Reverse) : 600 Ft-lbs / 814 Nm
- Torque Range : 25-300 Ft-lbs / 34-408 Nm
- Standard bolt cap : 9/16 in / 14mm
- Overall Length : 7.3 in / 185 mm
- Free Speed : 8,000 rmp
- Net Weight : 5.8 lbs / 2.6kg
- Air inlet : 1/4 in



SB33

1/2"DR SAB AIR IMPACT WRENCH

- Square Drive : 1/2"
- Max. torque (Forward) : 550 Ft-lbs / 745 Nm
- Max. Torque (Reverse) : 600 Ft-lbs / 814 Nm
- Torque Range : 25-300 Ft-lbs / 34-408 Nm
- Standard bolt cap : 9/16 in / 14mm
- Overall Length : 7.3 in / 185 mm
- Free Speed : 8,000 rmp
- Net Weight : 5.8 lbs / 2.6kg
- Air inlet : 1/4 in



SB36

1/2"DR SAB AIR IMPACT WRENCH

- Std. Bolt Cap. : 5/8" (16mm)
- Impact Mechanism : Twin Hammer
- Working Torque Range : 50-550 ft-lbs (68-745 Nm)
- Max. Torque : 800 ft-lbs (1085 Nm)
- Free Speed : 7,500 rpm
- Air Consumption @Load : 7.7 cfm (220 L/min)
- Length : 178mm
- Weight : 2.62kg
- Air Pressure : 90 psi (6.2 Bar)
- Air Inlet : 1/4"



SB88L

3/4"DR SAB AIR IMPACT WRENCH

- Standard bolt cap:1-1/8 in / 30 mm
- Working torque range:100~1,000ft-lbs / 135~1,500Nm
- Max. torque:1,400ft-lbs / 1,898Nm
- Free speed:7,500rpm
- Air conds.@load:10.6cfm / 300l/min
- Length:210mm
- Weight:4.2kg



SB88L-G

3/4" DR SAB AIR IMPACT WRENCH

- Standard bolt cap: 1-1/8 in / 30 mm
- Working torque range: 100~1,000ft-lbs / 135~1,500Nm
- Max. torque: 1,400ft-lbs / 1,898Nm
- Free speed: 7,500rpm
- Air conds.@load: 10.6cfm / 300l/min
- Length: 210mm
- Weight: 3.9kg



SB88L-1

1" DR SAB AIR IMPACT WRENCH

- Standard bolt cap: 1-1/8 in / 30 mm
- Working torque range: 100~1,000ft-lbs / 135~1,500Nm
- Max. torque: 1,400ft-lbs / 1,898Nm
- Free speed: 7,500rpm
- Air conds.@load: 10.6cfm / 300l/min
- Length: 210mm
- Weight: 3.99kg



SB88L-EL

3/4" DR SAB AIR IMPACT WRENCH

- Standard bolt cap : 1-1/8 in / 30mm
- Workinh Torque Range : 100~1,000 Ft-lb / 135~1,500 Nm
- Max. Torque : 1,200 Ft-lb / 1,627 Nm
- Free Speed : 7,500 rpm
- Air Cons.@load : 10.6 Cfm / 300 l/min
- Length : 180mm
- Weighth : 4.7kg



SB83

3/4" DR SAB AIR IMPACT WRENCH

- Std. Bolt Cap. : 13/16" (20mm)
- Impact Mechanism : Twin Hammer
- Working Torque Range : 50-800 ft-lbs (68-1085 Nm)
- Max. Torque : 1,100 ft-lbs (1490 Nm)
- Free Speed : 7,500 rpm
- Air Consumption @Load : 7.7 cfm (220L/min)
- Length : 178mm
- Weight : 2.68kg
- Air Pressure : 90psi (6.2 Bar)
- Air Inlet : 1/4"



SB99

3/4" DR SAB AIR IMPACT WRENCH

- Std.Bolt Cap.: 1-1/8" (30mm)
- Max.Torque.: 1400 ft-lb (1898NM)
- Twin Hammer Impact Mechanism



SB966

1" DR SAB AIR IMPACT WRENCH

- Square Driver : 1"
- Free Speed : 3000 rpm
- Max.Torque : 2500 ft-lbs / 3380 Nm
- Air Pressure : 100 psi
- Air Consumption : 9 cfm / 252 L/min
- Weight : 17 kg
- Length : 612 mm



SB1006

1/4"DR AIR DIE GRINDER

- Free Speed : 21000 rpm
- Air consumption : 20 scfm
- Length : 4-3/4" / 12.1 cm
- Weight : 13/16Lb / 0.37 kg
- Noise : 88 db
- Exhaust : Front exhaust



SB100

3/8"DR SAB AIR RATCHET

- Square Driver : 3/8"
- Free Speed : 260 rpm
- Max.Torque : 25 Nm
- Air Inlet : 1/4"
- Air Pressure : 90 psi
- Air Consumption : 140L/min
- Net Weight : 1.1 kg
- Overall Length : 160 mm



SB101

1/2"DR SAB AIR RATCHET (L/D)

- Square Driver : 1/2"
- Free Speed : 160 rpm
- Max.Torque : 70 Nm
- Air Inlet : 1/4"
- Air Pressure : 90 psi
- Air Consumption : 180L/min
- Net Weight : 1.2 kg
- Overall Length : 260 mm
- Planet Gear Mechanism : 3 Gear



SB102

1/2"DR AIR RATCHET

- Square Driver : 1/2"
- Free Speed : 160 rpm
- Max.Torque : 82 Nm
- Air Inlet : 1/4"
- Air Pressure : 90 psi
- Air Consumption : 200L/min
- Net Weight : 1.1 kg
- Overall Length : 229 mm



SB103

1/2"DR SAB AIR RATCHET (H/D)

- Square Driver : 1/2"
- Free Speed : 160 rpm
- Max.Torque : 100 Nm
- Air Inlet : 1/4"
- Air Pressure : 90 psi
- Air Consumption : 200L/min
- Net Weight : 1.2 kg
- Overall Length : 270 mm
- Planet Gear Mechanism : 2 Gear
- Exhaust system : rear



SB388

MINI AIR BODY SAW

- Free Speed : 7500 bpm
- Noise : 80 dba
- Stroke : 5.5 mm
- Air Consumption : 0.2 min
- Light : 155 mm
- Weight : 402 g
- Use Pressure : 90 psi



SB306

SAB AIR BODY SAW

- Air Pressure : 90
- Air Inlet : 1/4"
- Air Consumption : 1 Min
- Noise : 83 dba
- Weight : 0.8 kg / pc



SB3838S

3/8" SAB AIR IMPACT WRENCH (L/D)

- Also known as butterfly type, handy for the confined and cramped spaces.
- Hand touch forward-reverse switch plate for convenient operation.
- 8-position power regulator for the desired speed.
- Light torque for the light service applications

Specification:-

- Square Driver : 3/8"
- Free Speed : 9500 rpm
- Max.Torq : 75 ft-lbs/102Nm
- Air Inlet : 1/4"
- Air Pressure : 90 psi / 6.3kg/cm²
- Air Consumption : 312 L/min
- Net Weight : 1.14 kg
- Overall Length : 142 mm



SB1066

3/8" REVERSIBLE AIR DRILL

- Free Speed : 1800rpm
- Air Consumption : 10 cfm/ 283 L/min
- Length : 7-7/8" / 20cm
- Weight : 2.40 lb / 1.09 kg
- Exhaust : Side Exhaust
- Overall Length : 6.97 In / 177mm
- Operating Air Pressure : 90 psi / 6.3 kg/cm²



HOSE REEL

- Automatic Hose Reel For Compressor.
- Heavy Duty Reinforced steel construction with paint coating.

Item Code	Hose I.D	Max Pressure	Length	N.W	Material
HR0815	5/16" (8mm)	3000 Psi	15 Meter	6.5 Kg	PU Baid
HR0912	3/8" (9mm)	3000 Psi	12 Meter	6.5 Kg	PU Baid



MAC824

MINI AIR COMPRESSOR

- Special design for car but is used multi-fuctional (air Mattersses, athletic ball, recreational inflatable, etc.)
- Always pump your tires until the assigned pressure level is reached. exceed the level.)
- Never leave the compressor in operation without supervision.
- Do not use for more than 15 minutes to avoid overheating. Never continue operation within 10 minutes cooling.
- Always remove the compressor with the open valve.

Specification:-

- Power Required : DC 12Volt
- Net Weight : 1.20Kgs



SB311

HEAVY DUTY AIR HAMMER KIT

- Stroke Speed : 3000 bpm
- Air Inlet : 1/4"
- Piston Stroke : 60mm
- Length : 175mm
- Net Weight : 1.7kg
- Air Cons : 187 L/min
- Hose Inlet :: 3/8"
- Piston Diameter : 3/4"

SB315

HEAVY DUTY AIR HAMMER KIT

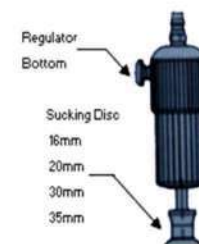
- Stroke Speed : 2100 bpm
- Air Inlet : 1/4"
- Piston Stroke : 90mm
- Length : 220mm
- Net Weight : 2.0kg
- Air Cons : 210 L/min
- Hose Inlet :: 3/8"
- Piston Diameter : 3/4"



SB118

AIR VALVE LAPPER

- Stroke Speed : 3000bpm
- Air inlet : 1/4"
- External dimension : 153.5 x 52mm
- Weight : 1.5kgs
- Air pressure : 90psi
- Air consumption : 100L / min
- 4pcs rubber sucker 16 20 30 35mm.



*Picture shown are for reference only



IGK401 INFLATOR GAUGE KIT

- Air inflator provides user with easy and controlled inflation
- Cast in alloy body with H-D brass valves.
- With 438mm Hose, 3" pressure gauge, and easy-to-read
- 3 function in 1 : Fill air, release air and gauge pressure
- 0 to 240psi / 0 to 16 bar



IGK501 INFLATOR GAUGE KIT

- **Specifications**
- Body Length : 270mm
- Air Hose : 350mm
- Overall Length : 650mm
- Range : 0-1100 KPA (0-160 psi)
- Air Supply Minium : 90PSI
- Air Supply Maximum : 200PSI
- Inlet : 1/4 BSP Female



FR503 3/8" AIR FILTER REGULATOR

- Port Size (PT, NPT) : 3/8"
- Filter Element : 5 μ m
- Max Input Pressure (PSI) : 215
- Max Output Pressure (PSI) : 7 ~ 142
- Max Flow (ℓ /min) : 3000
- Operating Temp Range : 5°C ~ 60°C
- Drain Capacity : 55ml
- Oil Capacity : 80ml
- Recommendable Lubricants : ISO VG-32



FRL503 3/8" AIR FILTER REGULATOR LUBRICANTS

- Port Size (PT, NPT) : 3/8"
- Filter Element : 5 μ m
- Max Input Pressure (PSI) : 215
- Max Output Pressure (PSI) : 7 ~ 142
- Max Flow (ℓ /min) : 3000
- Operating Temp Range : 5°C ~ 60°C
- Drain Capacity : 55ml
- Oil Capacity : 80ml
- Recommendable Lubricants : ISO VG-32



F906 3/4" AUTO AIR FILTER

- The filter / regulator / lubricant is a three part system. The filter is designed to remove most liquid and solid particles from the air supply. The self-removing pressure regulator is used to adjust the outlet pressure. The lubricant provides oil to the air tool and increases the life of the tool.

Specifications

- Max. Temperature : 140°F
- Air Inlet / outlet : 1", 3/4"
- Gauge Ports : 1/4"
- Max. Pressure : 300PSI



F706 3/4" AUTO AIR FILTER

- The filter / regulator / lubricant is a three part system. The filter is designed to remove most liquid and solid particles from the air supply. The self-removing pressure regulator is used to adjust the outlet pressure. The lubricant provides oil to the air tool and increases the life of the tool.

Specifications

- Max. Temperature : 140°F
- Air Inlet / outlet : 1/2", 3/4"
- Gauge Ports : 1/4"
- Max. Pressure : 250PSI



AD113 SAB Air Duster (230mm)

- Suitable for cleaning any kind of machinery and equipment.
- Max. pressure required 150 psi.
- Standard volume required 100 l/min.
- Overall length : 230mm



AD118 SAB Air Duster (395mm)

- Suitable for cleaning any kind of machinery and equipment.
- Max. pressure required 150 psi.
- Standard volume required 100 l/min.
- Overall length : 395mm



AC02 2WAY AIR COUPLE

- Lightweight and compact in size.
- Easy installation and storage.
- Accessory pressure gauge and drain valve ease piping control.
- Body : Aluminum
- Working Pressure : 10 kgf / cm²
- Maximum Pressure : 15 kgf / cm²
- Temp.Range : -20°C ~ + 80°C
- Size : 1/4" (20Type)



AC03 3WAY AIR COUPLE

- Lightweight and compact in size.
- Easy installation and storage.
- Accessory pressure gauge and drain valve ease piping control.
- Body : Aluminum
- Working Pressure : 10 kgf / cm²
- Maximum Pressure : 15 kgf / cm²
- Temp.Range : - 20°C ~ + 80°C
- Size : 1/4" (20Type)



Item Code	Description
SB20PM	1/4" (pt)
SB30PM	3/8" (pt)
SB40PM	1/2" (pt)



Item Code	Description
SB20PH	5/16" (hose)
SB30PH	3/8" (hose)
SB40PH	1/2" (hose)



Item Code	Description
SB20PF	1/4" (pt)
SB30PF	3/8" (pt)
SB40PF	1/2" (pt)



Item Code	Description
SB20SH	5/16" (hose)
SB30SH	3/8" (hose)
SB40SH	1/2" (hose)



Item Code	Description
SB20SF	1/4" (pt)
SB30SF	3/8" (pt)
SB40SF	1/2" (pt)



Item Code	Description
SB20SM	5/16" (hose)
SB30SM	3/8" (hose)
SB40SM	1/2" (hose)

*Picture shown are for reference only



PROFESSIONAL SERIES



SB06268 268PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs 6-24V Car Light Tester
- 2pcs Flare Nut Wrench 10x12mm & 11x13mm
- 6pcs Flexible Socket 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 9pcs 45 Degree Double Wrench 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm.
- 1pcs 13 Blade Feller Gauge
- 13pcs - 15 Degree Combination Wrench - 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21 & 22mm.
- 4pcs Stubby Combination Wrench 8mm, 10mm, 12mm & 14mm.



Drawer 2

- 9pcs Hollow Punch 2.5, 3, 4, 5, 6, 7, 8, 9 & 10mm
- 9pcs Extra Long Hex Key Set
- 9pcs Extra Long Torx Key Set
- 6pcs Pin Punch 2, 3, 4, 5, 6 & 8mm
- 13pcs 1/2"Dr Deep Socket - 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 & 24mm..
- 1pcs Universal Joint
- 2pcs Magnetic Spark Plug Socket 16 & 21mm
- 3pcs 1/2"Dr Thin Wall Socket 17, 19 & 21mm
- 1pcs 1/2"Dr L-handle
- 1pcs 1/2"Dr Ratchet Handle
- 3pcs 1/2"Dr Extension Bar 3", 5" & 10"
- 19pcs -1/2"Dr Box Socket - 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm.
- 1pcs 3/8" F x 1/2M Adaptor



Drawer 3

- 18pcs 3/8"DR Box Socket - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 & 24mm.
- 10pcs 3/8"DR Deep Socket - 8, 9, 10, 11, 12, 13, 14, 15, 17 & 19mm.
- 2pcs 3/8"DR Extension Bar - 3" & 10"
- 2pcs 3/8"DR Spark Plug Socket - 16 & 21mm.
- 2pcs 3/8"DR Universal Joint & 3/8" Ratchet Handle
- 10pcs 3/8"DR Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45, T50 & T55.
- 7pcs 3/8"DR Hex Bit Socket - 3, 4, 5, 6, 7, 8 & 10mm.
- 9pcs 3/8"DR Screw Driver Socket Bit - FD5.5, FD7, FD8, PZ1, PZ2, PZ3, PD1, PD2 & PD3.
- 6pcs 1/4" Bit Socket PD1, PD2, PD3, PZ1, PZ2, PZ3
- 3pcs 1/4" Bit Socket FD4, FD5, FD6.5
- 6pcs 1/4" Hex Bit Socket - 3, 4, 5, 6, 7 & 8mm.
- 6pcs 1/4" Torx Bit Socket T10, T15, T20, T25, T30 & T40.
- 13pcs 1/4" Box Socket 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14MM.
- 4pcs 1/4" Deep Socket 8, 10, 11 & 13mm
- 1pcs 1/4" Ratchet Handle
- 1pcs 1/4" Screw Extension Bar
- 1pcs 1/4" Sliding T-Handle
- 1pcs 1/4" Universal Joint
- 2pcs 1/4" Extension Bar 2" & 4"



Drawer 4

- 2pcs 4" x 6mm Iron Head Screw Driver
- 2pcs 6" x 6mm Iron Head Screw Driver
- 2pcs 8" x 6mm Iron Head Screw Driver
- 4pcs 7" Criclip pliers
- 1pcs 8" Combination plier
- 1pcs 6" Cutter plier
- 1pcs 6" Long nose plier
- 1pcs 10" locking plier (WR)
- 1pcs 12" Adjustable wrench
- 1pcs 2lbs ball point hammer (Fiber)



Drawer 5

- 9pcs 1/2" Dr 6pt. Impact Socket - 12mm, 14mm, 17mm, 19mm, 21mm, 24mm, 27mm, 30mm & 32mm
- 1pcs 1/2" Dr L-Handle
- 9pcs 1/2" Dr 6pt. Impact Deep Socket - 12mm, 14mm, 17mm, 19mm, 21mm, 24mm, 27mm, 30mm & 32mm
- 9pcs 1/2" Dr Impact Hex Socket - 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 12mm & 13mm
- 1unit 1/2" Dr SAB Air Ratchet
- 1unit 1/2" Dr SAB Air Die Grinder
- 1unit 1/2"Dr SAB Air Impact Wrench
- 1unit 1/2" F X 3/4" M Impact Adaptor
- 1unit 1/2" Impact Universal Joints
- 1unit 2way Oil Filter Wrench

*Picture shown are for reference only



PROFESSIONAL SERIES



SB06278 278PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs 6-24V Car Light Tester
- 1pcs 13Blede Feller Gauge
- 2pcs Flare Nut wrench - 10x12mm, 11x13mm
- 14pcs Combination Wrench - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 & 24mm
- 5pcs Gear Wrench - 8, 10, 12, 13 & 14mm
- 6pcs Flexible Socket Wrench - 6x7, 8x9, 10x11, 12x13, 14x15 & 16x17mm
- 7pcs Double Wrench - 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 & 21x23mm



Drawer 2

- 18pcs 3/8"DR Box Socket - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 & 24mm.
- 10pcs 3/8"DR Deep Socket - 8, 9, 10, 11, 12, 13, 14, 15, 17 & 19mm.
- 2pcs 3/8"DR Extension Bar - 3" & 10"
- 2pcs 3/8"DR Spark Plug Socket - 16 & 21mm.
- 2pcs 3/8"DR Universal Joint & 3/8" Ratchet Handle
- 10pcs 3/8"DR Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45, T50 & T55.
- 7pcs 3/8"DR Hex Bit Socket - 3, 4, 5, 6, 7, 8 & 10mm.
- 9pcs 3/8"DR Screw Driver Socket Bit - FD5.5, FD7, FD8, PZ1, PZ2, PZ3, PD1, PD2 & PD3.
- 6pcs 1/4" Bit Socket PD1, PD2, PD3, PZ1, PZ2, PZ3
- 3pcs 1/4" Bit Socket FD4, FD5, FD6.5
- 6pcs 1/4" Hex Bit Socket - 3, 4, 5, 6, 7 & 8
- 1pcs 3/8"Fx1/4"M Adaptor
- 6pcs 1/4" Torx Bit Socket T10, T15, T20, T25, T30 & T40.
- 13pcs 1/4" Box Socket 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14MM.
- 4pcs 1/4" Deep Socket 8, 10, 11 & 13mm
- 1pcs 1/4" Ratchet Handle
- 1pcs 1/4" Screw Extension Bar
- 1pcs 1/4" Sliding T-Handle
- 1pcs 1/4" Universal Joint
- 2pcs 1/4" Extension Bar 2" & 4"



Drawer 3

- 6pcs Screw Driver (-)(+) - 8"x6mm, 6"x6mm & 4"x6mm
- 1pcs 1-1/2" 2Way Screw Driver
- 1pcs 9" Mada Air Chuck
- 1pcs 9" Mada Pressure Gauge
- 1pcs Auto Center Punch
- 1pcs 6" Long Nose Plier
- 1pcs 8" Combination Plier
- 1pcs 6" Cutter Plier
- 1pcs 10" Locking Plier (Jaw)
- 1pcs 12" Adjustable Wrench
- 1pcs 11lbs Ball Pein Hammer
- 1pcs 20PM Air Couple



Drawer 4

- 1pcs 15" x 1/2" Swivel Handle
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30, T40, T45 & T50.
- 6pcs Pin Punch 2, 3, 4, 5, 6 & 8mm
- 1pcs 1/2" Universal Joint
- 2pcs Magnetic Spark Plug Socket 16 & 21mm
- 3pcs 1/2"DR Extension Bar - 3", 5" & 10"
- 1pcs 1/2"DR Ratchet Handle
- 13pcs 1/2"Dr Deep Socket - 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 & 24mm.
- 19pcs 1/2"DR Box Socket - 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm.
- 10pcs 1/2"DR External Torx Socket - E8, E10, E11, E12, E14, E16, E18, E20, E22 & E24.
- 1pcs 3/8" F X 1/2" M Adaptor



Drawer 5

- 1pcs 1/2"DR H/D L Handle
- 1pcs 1/2" XR Mini Air Impact Wrench
- 1pcs 1/2" H/D Air Ratchet
- 1pcs 1/4" Air Die Grinder
- 1Set Impact Driver Set
- 2pcs Adaptor - 1/2"Fx3/8"M & 1/2"Fx3/4M
- 1pcs 1/2"DR Impact Universal Joint
- 1pcs 7Point Wheel Socket
- 11pcs 1/2" Impact deep Socket - 10, 12, 13, 14, 17, 19, 22, 24, 27, 30 & 32mm.
- 15pcs 1/2"DR Impact Socket - 10, 12, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, & 32mm.
- 3pcs 20PM Air Couple

*Picture shown are for reference only



PROFESSIONAL SERIES



SB0686 86PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs Magnetic Pick Up Tools
- 15pcs 15 Degree Combaion Wrench
6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 9pcs 45 Degree Double Ring Wrench
6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm



Drawer 2

- 1pcs 12.4mm Remover Socket
- 6pcs Double Flexible Socket
8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 18pcs 1/2" Box Socket
10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm, 28mm, 30mm & 32mm
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30,
- 1pcs 1/2" Ratchet Handle
- 1pcs 6-24V Car Light Tester
- 1pcs 1/2" L-Handle
- 3pcs 1/2" Extension Bar - 3", 5" & 10"
- 1pcs 1/2" Universal Joint



Drawer 3

- 6" Long Nose Plier
- 6" Diagonal Cutter Plier
- 8" Combination Plier
- 8" Slip Joint Plier
- 9" Long Nose Locking Plier
- 10" Locking Plier
- 12"Adjustable Wrench
- 7" Snap Ring Plier (4pcs)

*Picture shown are for reference only



PROFESSIONAL SERIES

SB06160 160PCS TOOLS SET



	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs Magnetic Pick Up Tools
- 15pcs 15 Degree Combaion Wrench
6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 9pcs 45 Degree Double Ring Wrench
6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm



Drawer 2

- 9pcs 1/4" Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45 & T50
- 6pcs 1/4" Hex Bit Socket - 3, 4, 5, 6, 7, & 8mm
- 3pcs 1/4" Phillips Bit Socket - PH1, PH2 & PH3
- 3pcs 1/4" Flat Bit Socket-FD4, FD5.5, & FD6.5mm.
- 13pcs 1/4" Box Socket - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm
- 2pcs 1/4" Ratchet Handle & 1/4" Universal Joint.
- 2pcs 1/4" Sliding T-handle & 1/4" Screw Driver Extension Bar
- 2pcs 1/4" Extension Bar - 2" & 4"
- 1pcs 6"x 1/4" Flexible Extension Bar
- 4pcs Flexible Nut Driver - 6, 7, 8 & 10mm
- 1Set Impact Driver Set
- 1pcs 2Lbs Fibre Ball Point Hammer
- 2pcs 2 Way Screw Driver - 1-1/2" & 4"
- 6pcs Screw Driver - 6"x6mm, 8"x4mm & 10"x5mm
- 5pcs 1/2" Impact Deep socket - 12, 14, 17, 19 & 21mm



Drawer 3

- 1pcs 12.4mm Remover Socket
- 6pcs Double Flexible Socket
8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 18pcs 1/2" Box Socket
10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm, 28mm, 30mm & 32mm
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30,
- 1pcs 1/2" Ratchet Handle
- 1pcs 6-24V Car Light Tester
- 1pcs 1/2" L-Handle
- 3pcs 1/2" Extension Bar - 3", 5" & 10"
- 1pcs 1/2" Universal Joint



Drawer 4

- 4pcs 7" Snap Ring Plier
- 1pcs 10" Water Pump Plier
- 1pcs 8" Slip Joint Plier
- 1pcs 8" Combination Plier
- 1pcs 6" Cutter Plier
- 1pcs 6" Long Nose Plier
- 1pcs 9" Long Nose Locking Plier
- 1pcs 10" Locking Plier
- 1pcs 6" Venier Caliper
- 1pcs 12" Adjustable Wrench

*Picture shown are for reference only



PROFESSIONAL SERIES



SB06248 248PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs Magnetic Pick Up Tools
- 15pcs 15 Degree Combination Wrench
6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 9pcs 45 Degree Double Ring Wrench
6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm



Drawer 2

- 5pcs 1/4" External Torx Box Socket - E4, E5, E6, E7 & E8.
- 7pcs 1/2" External Torx Box Socket - E10, E11, E12, E14, E16, E18 & E20
- 2pcs Bit Holder - 1/2" & 3/8"
- 7pcs 75mm Hex Bit - 4, 5, 6, 7, 8, 10 & 12mm
- 7pcs 30mm Hex Bit - 4, 5, 6, 7, 8, 10 & 12mm
- 5pcs 75mm Spline Bit - M5, M6, M8, M10 & M12.
- 5pcs 30mm Spline Bit - M5, M6, M8, M10 & M12.
- 8pcs 75mm Torx Bit - T20, T25, T27, T30, T40, T45, T50 & T55.
- 8pcs 30mm Torx Bit - T20, T25, T27, T30, T40, T45, T50 & T55.
- 18pcs 1/2" Box Socket - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30&32mm
- 2pcs 1/2" Extension Bar - 5" & 10"
- 2pcs 1/2" Spark Plug Socket - 16 & 21mm
- 1pcs Universal Joint
- 1pcs 1/2" Ratchet Handle
- 1pcs 3/8F x 1/2" Adaptor
- 9pcs 1/4" Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45 & T50
- 6pcs 1/4" Hex Bit Socket - 3, 4, 5, 6, 7 & 8mm.
- 3pcs 1/4" Philips Bit Socket - PH1, PH2 & PH3.
- 3pcs 1/4" Flat Bit Socket - 4, 5.5, & 6.5mm
- 13pcs 1/4" Box Socket - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm.
- 2pcs 1/4" Ratchet Handle & 1/4" Universal joint.
- 2pcs 1/4" Sliding T-handle & 1/4" Screw Driver Extension Bar.
- 2pcs 1/4" Extension Bar - 2" & 4"
- 4pcs 1/4" Deep Socket - 8, 10, 12 & 13mm



Drawer 3

- 6pcs Pin Punch - 2, 3, 4, 5, 6 & 8
- 1pcs 4" 2Way Screw Driver
- 1pcs 1-1/2" 2Way Screw Driver
- 1pcs 2Lbs Fibre Ball Point Hammer
- 3pcs 8" File - Half Round, Round File & Triangle.
- 9pcs E/L Hex KeY Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30, T40, T45 & T50.
- 8pcs Torx Bit Socket - T20, T25, T27, T30, T40, T50 & T55.
- 3PCS Screw Driver - 6"x6mm, 8"x3mm & 10"x5mm.



Drawer 4

- 1set Impact Driver Set
- 1pcs 12.2mm Removar Socket
- 1pcs 6-12, 24V Car Light Tester
- 2pcs Flare Nut Wrench - 10x12mm, 11x13mm
- 1pcs 13Blade Feller Gauge
- 5pcs Cold Chisel - 10, 12, 16, 19 & 22mm
- 8pcs Tamperproof Screw Driver - T8, T10, T15, T20, T25, T27, T30 & T40
- 6PCS Flexible Socket - 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm.
- 9pcs Hollow Punch - 2.5, 3, 4, 5, 6, 7, 8, 9 & 10mm.



Drawer 5

- 4pcs 7" Snap Ring Plier
- 1pcs 10" Water Pump Plier
- 1pcs 8" Slip Joint Plier
- 1pcs 8" Combination Plier
- 1pcs 6" Cutter Plier
- 1pcs 6" Long Nose Plier
- 1pcs 9" Long Nose Locking Plier
- 1pcs 10" Locking Plier
- 1pcs 6" Venier Calliper
- 1pcs 12" Adjustable Wrench

*Picture shown are for reference only



PROFESSIONAL SERIES



SB0689 89PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



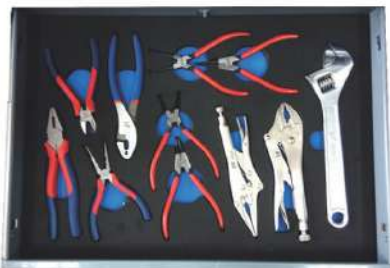
Drawer 1

- 1pcs Magnetic Pick Up Tools
- 15pcs 15 Degree Combaion Wrench
6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 9pcs 45 Degree Double Ring Wrench
6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm



Drawer 2

- 1pcs 12.4mm Remover Socket
- 6pcs Double Flexible Socket
8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 18pcs 1/2" Box Socket
10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm, 28mm, 30mm & 32mm
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30,
- 1pcs 1/2" Ratchet Handle
- 1pcs 6-24V Car Light Tester
- 1pcs 1/2" L-Handle
- 3pcs 1/2" Extension Bar - 3", 5" & 10"
- 1pcs 1/2" Universal Joint



Drawer 3

- 6" Long Nose Plier
- 6" Diagonal Cutter Plier
- 8" Combination Plier
- 8" Slip Joint Plier
- 9" Long Nose Locking Plier
- 10" Locking Plier
- 12"Adjustable Wrench
- 7" Snap Ring Plier (4pcs)



Drawer 4

- 13 Blade Feller Gauge
- Double Flexible Hex Key Wrench
2x2.5mm, 3x4mm, 5x6mm, 8x10mm & 12x14mm
- Double Flexible Torx Key Wrench
T15XT20, T25XT27, T30XT40, T45XT50 & T55XT60
- Double Flexible External Socket Wrench
E6XE8, E10XE12, E14XE16, E18XE20 & E22XE24
- Double Flare Nut Wrench
8x10mm & 10x12mm

*Picture shown are for reference only



PROFESSIONAL SERIES



SB06129 129PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



Drawer 1

- 1pcs 6-24V Car Light Tester
- 2pcs Flare Nut Wrench 10x12mm & 11x13mm
- 6pcs Flexible Socket 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 9pcs 45 Degree Double Wrench 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm
- 1pcs 13 Blade Feller Gauge
- 13pcs - 15 Degree Combination Wrench 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, & 22mm
- 4pcs Stubby Combination Wrench 8mm, 10mm, 12mm & 14mm



Drawer 2

- 9pcs Hollow Punch 2.5mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm & 10mm
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30.
- 6pcs Pin Punch 2mm, 3mm, 4mm, 5mm, 6mm & 8mm
- 13pcs - 1/2"Dr Deep Socket 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 1pcs Universal Joint
- 2pcs Magnetic Spark Plug Socket 16mm & 21mm
- 3pcs 1/2"Dr Thin Wall Socket 17mm, 19mm & 21mm
- 1pcs 1/2"Dr L-handle
- 1pcs 1/2"Dr Ratchet Handle
- 3pcs 1/2"Dr Extension Bar 3mm, 5mm & 10mm
- 19pcs - 1/2"Dr Box Socket 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm 24mm, 27mm, 30mm & 32mm
- 1pcs 3/8" F x 1/2M Adaptor



Drawer 3

- 2pcs 4" x 6mm Iron Head Screw Driver
- 2pcs 6" x 6mm Iron Head Screw Driver
- 2pcs 8" x 6mm Iron Head Screw Driver
- 4pcs 7" Criclip pliers
- 1pcs 8" Combination plier
- 1pcs 6" Cutter plier
- 1pcs 6" Long nose plier
- 1pcs 10" locking plier (WR)
- 1pcs 12" Adjustable wrench
- 1pcs 2lbs ball point hammer (Fiber)

*Picture shown are for reference only



PK38

38PCS TOOLS SET

- 12pcs 15Degree Combination Wrench - 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm & 21mm
- 15pcs 1/2" Box Socket - 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm & 24mm
- 2pcs 1/2" Extension Bar - 5 & 10"
- 1pcs 8" Combination Plier
- 1pcs 6" Cutter Plier
- 1pcs 6" Long Nose Plier+
- 1pcs 2Lbs Fibre Ball Point Hammer
- 1pcs 1/2" Ratchet Handle
- 1pcs 1/2" Universal Joint
- 1pcs 21mm x 1/2" Spark Plug Socket
- 1pcs 10" Locking Plier
- 1pcs 502 Tool Box



SB02113

113PCS TOOLS SET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	712	440	694
2 Drawer	570	395	60



Drawer 1

- 1pcs 6-24V Car Light Tester
- 2pcs Flare Nut Wrench 10x12mm & 11x13mm
- 6pcs Flexible Socket 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm & 18x19mm
- 9pcs 45 Degree Double Wrench 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm
- 1pcs 13 Blade Feller Gauge
- 13pcs - 15 Degree Combination Wrench 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, & 22mm
- 4pcs Stubby Combination Wrench 8mm, 10mm, 12mm & 14mm



Drawer 2

- 9pcs Hollow Punch 2.5mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm & 10mm
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30,
- 6pcs Pin Punch 2mm, 3mm, 4mm, 5mm, 6mm & 8mm
- 13pcs - 1/2" Dr Deep Socket 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 1pcs Universal Joint
- 2pcs Magnetic Spark Plug Socket 16mm & 21mm
- 3pcs 1/2" Dr Thin Wall Socket 17mm, 19mm & 21mm
- 1pcs 1/2" Dr L-handle
- 1pcs 1/2" Dr Ratchet Handle
- 3pcs 1/2" Dr Extension Bar 3mm, 5mm & 10mm
- 19pcs - 1/2" Dr Box Socket 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm & 32mm
- 1pcs 3/8" F x 1/2" M Adaptor

*Picture shown are for reference only



PK123

123PCS TOOLS KIT SET

- 4 Pcs Stubby Combinaton Wrench 8mm, 10mm, 12mm&14mm
- 14 Pcs Combination Wrench 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 16mm, 19mm, 21mm, 22mm & 24mm
- 18 Pcs 3/8"DR Box Socket - 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm,19mm, 20mm, 21mm, 22mm & 24mm.
- 10 Pcs 3/8"DR Deep Socket - 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm & 19mm.
- 2 Pcs 3/8"DR Extension Bar - 3" & 10"
- 2 Pcs 3/8"DR Spark Plug Socket - 16mm & 21mm.
- 1 Pcs 3/8"DR Universal Joint
- 1 Pcs 3/8" Ratchet Handle
- 10 Pcs 3/8"DR Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45, T50 & T55.
- 7 Pcs 3/8"DR Hex Bit Socket - 3mm, 4mm, 5mm, 6mm, 7mm, 8mm & 10mm.
- 9 Pcs 3/8"DR Screw Driver Socket Bit - FD5.5, FD7, FD8, PZ1, PZ2, PZ3, PD1, PD2 & PD3.
- 1 Pcs 3/8"Dr L-Handle
- 4 Pcs Screw Driver 1 1/2"x6mm(-), 4"x6mm(-), 6"x6mm(-) & 8"x8mm(-)
- 4 Pcs Screw Driver 1 1/2"x6mm(+), 4"x6mm(+), 6"x6mm(+)& 8"x8mm(+)
- 1 Pcs 6"S-type Cutter Plier
- 1 Pcs 6"S-type Long Nose Plier
- 1 Pcs 8"S-type Combination Plier
- 1 Pcs 2lbs Ball Point Hammer (Fiber)
- 9pcs E/L Hex Key Set - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm.
- 9pcs E/L Torx Key Set - T10, T15, T20, T25, T27, T30,
- 1 Pcs 12" Ajustable Wrench (H/D)
- 1 Pcs 10" Locking Plier (Jaw)
- 2 Pcs Flare Nut Wrench - 10mmx12mm & 11mm x 13mm
- 6 Pcs Flexible Socket - 6mmx7mm, 8mmx9mm, 10mmx11mm, 12mmx13mm, 14mmx15mm & 16mm x 17mm
- 1 Pcs 13 Blader Feller Gauge
- 1 Pcs 1/2"F x 3/8"M Adaptor



PK780

65PCS TOOLS KIT SET

- 1 Unit Tool Box 503
- 1 Pcs 13 Blades Hunter Feller Gauge
- 7 Pcs 45 Degree Double Wrench 6x7, 8x9, 10x11, 12X13, 14X15, 16X17, 18X19mm
- 2 Pcs 10" x 5mm Plastic Screw Driver
- 2 Pcs 6" x 6mm Plastic Screw Driver
- 2 Pcs 4" x 3mm Plastic Screw Driver
- 1 Pcs 1 1/2" 2 Way Screw Driver
- 1 Pcs 12" Adjustable Wrench (H/D)
- 1 Pcs 6" S-Type Cutter Pliers
- 1 Pcs 6" S-Type Long Nose Pliers
- 1 Pcs 8" S-Type Combination Pliers
- 1 Pcs 1/2" x 48 Teeth SB Ratchet Handle
- 9 Pcs Extra Long Type Ball Point Hex Key Wrench Size:1.5, 2, 2.5, 3, 4, 5, 6, 8,10
- 1 Pcs 3/8F x 1/2M SB Adaptor
- 1 Pcs 1/2" SB universal Joint
- 2 Pcs 1/2"DR Spark Plug Socket 16mm & 21mm
- 1 Pcs 2Lbs Ball Point Hammer (Fibre)
- 1 Pcs 10" Locking Pliers (WR)
- 2 Pcs 1/2"Dr Extension Bar 5" & 10"
- 15 Pcs 1/2"Dr SB Box Socket 10, 11, 12, 13, 14, 15, 16,17,18,19,20,21,22,23 & 24mm.
- 12 Pcs 1/2"Dr SB Combination Wrench 6, 7, 8, 9, 10,11,12,13,14,17,19 & 21mm.

**Picture shown are for reference only*



PK880

64PCS TOOLS KIT SET

- 1 Unit Tool Box 503
- 1 Pcs 13 Blades Hunter Feller Gauge
- 3 Pcs Flexible Gear Wrench - 8mm, 10mm & 12mm
- 3 Pcs Flexible Socket - 8x10mm, 12x13mm & 14x17mm
- 2 Pcs 10" x 5mm Plastic Screw Driver
- 2 Pcs 6" x 6mm Plastic Screw Driver
- 2 Pcs 4" x 3mm Plastic Screw Driver
- 1 Pcs 1 1/2" 2 Way Screw Driver
- 1 Pcs 12" Adjustable Wrench (H/D)
- 1 Pcs 6" S-Type Cutter Pliers
- 1 Pcs 6" S-Type Long Nose Pliers
- 1 Pcs 8" S-Type Combination Pliers
- 1 Pcs 1/2" x 48 Teeth SB Ratchet Handle
- 9 Pcs Long Type Ball Point Hex Key Wrench
Size:1.5, 2, 2.5, 3, 4, 5, 6, 8,10mm.
- 1 Pcs 3/8F x 1/2M SB Adaptor
- 1 Pcs 1/2" SB universal Joint
- 2 Pcs 1/2"DR Spark Plug Socket 16mm & 21mm
- 1 Pcs 2Lbs Ball Point Hammer (Fibre)
- 1 Pcs 10" Locking Pliers (WR)
- 2 Pcs 1/2"Dr Extension Bar 5" & 10"
- 15 Pcs 1/2"Dr SB Box Socket 10, 11, 12, 13, 14, 15, 16,17,18,19,20,21,22,23,24mm
- 12 Pcs 1/2"Dr SB Combination Wrench 6, 7, 8, 9, 10,11,12,13,14,17,19 & 21mm.



PK960

83PCS TOOLS KIT SET

- 2pcs Flare Nut Wrench - 10x12mm, 11x13mm
- 5pcs Screw Driver - 10"x5mm, 6"x6mm & 8"x3mm
- 1pcs 2Way Screw Driver - 1-1/2"
- 3pcs 1/2" Extension Bar - 3", 5" & 10"
- 1pcs 2Lbs Ball Point Hammer
- 2pcs 1/2" Magnetic Soark Plug Socket - 16mm & 21mm
- 12pcs 15Degree Combination Wrench - 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21 & 22mm
- 9pcs E/L Hex Ket - 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm
- 9pcs E/L Torx Key - T10, T15, T20, T25, T27, T30, T40, T45 & T50
- 9pcs 45Degree Double Wrench - 6x7mm, 8x9mm, 10x11m, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm, 22x24mm
- 20pcs 1/2" Box Socket - 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 28, 30 & 32mm
- 1pcs 1/2" Universal Joint
- 1pcs 12" Adjustable Wrench
- 1pcs 10" Locking pliers
- 1pcs 6" Long Nose Plier
- 1pcs 6" Cutter Plier
- 1pcs 8" Combination Plies
- 1pcs 1/2" Ratchet Handle
- 1pcs Magnetic pick up tool
- 1pcs 13 blade feller gauge
- 1pcs 504 Tool box

**Picture shown are for reference only*



DT3007
7 DRAWER TOOL CABINET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	680	460	830
5 Drawer	570	410	65
2 Drawer	570	410	135



DT3006
6 DRAWER TOOL CABINET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	683	460	773
4 Drawer	576	400	73.5
2 Drawer	576	400	151



DT01
1 DRAWER TOOL CABINET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	755	385	665
2 Drawer	620	345	75



DT02
2 DRAWER TOOLS CABINET

	Width (mm)	Diameter (mm)	Height (mm)
Overall	712	440	694
2 Drawer	570	395	60



TB504



TB503



TB501



TB303



TB502

TOOLS BOX (METAL)

Item Code	Measurement
TB303	L350mm x H100mm x W150mm
TB501	L410mm x H100mm x W200mm
TB502	L410mm x H150mm x W200mm
TB503	L410mm x H190mm x W205mm
TB504	L600mm x H190mm x W205mm

**Picture shown are for reference only*



ELHKS09AF

9PCS EXTRA LONG HEX KEY (AF)

- Plastic holder professionally designed for installation and convenience usage.
- Work in hard to reach areas.
- Faster inserting and removing.
- Material - S2

Item Code	Size (mm)	A	B
ELHK1/16	1/16	15.4	91.5
ELHK5/64	5/64	19	102.3
ELHK3/32	3/32	20.3	114.5
ELHK1/8	1/8	23.2	128.8
ELHK5/32	5/32	28.7	145.6

Item Code	Size	A	B
ELHK3/16	3/16	32.8	164.2
ELHK1/4	1/4	38	185
ELHK5/16	5/16	42.6	207
ELHK3/8	3/8	51.3	230



ELHKS09

9PCS EXTRA LONG HEX KEY SET

- Plastic holder professionally designed for installation and convenience usage.
- Work in hard to reach areas.
- Faster inserting and removing.
- Material - S2

Item Code	Size (mm)	A	B
ELHK1.5	1.5	15.4	91.5
ELHK02	2	19	102.3
ELHK2.5	2.5	20.3	114.5
ELHK03	3	23.2	128.8
ELHK04	4	28.7	145.6

Item Code	Size	A	B
ELHK05	5	32.8	164.2
ELHK06	6	38	185
ELHK08	8	42.6	207
ELHK10	10	51.3	230



ELTKS09

9PCS EXTRA LONG TORX KEY SET

- Plastic holder professionally designed for installation and convenience usage.
- High torque application.
- Material - S2 & heat treated.

Item Code	Size (mm)	A	B
ELTK10	T10	12.8	92
ELTK15	T15	19.4	103.6
ELTK20	T20	22	115.3
ELTK25	T25	24.5	130
ELTK27	T27	28.9	145.8

Item Code	Size	A	B
ELTK30	T30	33	165
ELTK40	T40	38.9	185.7
ELTK45	T45	43.7	207
ELTK50	T50	48.6	230



ELTKS09T

9PCS EXTRA LONG TORX KEY SET (TAMPERPROOF)

- Plastic holder professionally designed for installation and convenience usage.
- High torque application.
- Special design with hole in the head to fit the special screw.
- Material - S2 & heat treated.

Item Code	Size (mm)	A	B
ELTK10T	T10	12.8	92
ELTK15T	T15	19.4	103.6
ELTK20T	T20	22	115.3
ELTK25T	T25	24.5	130
ELTK27T	T27	28.9	145.8

Item Code	Size	A	B
ELTK30T	T30	33	165
ELTK40T	T40	38.9	185.7
ELTK45T	T45	43.7	207
ELTK50T	T50	48.6	230



TKS09-5

9PCS (5 START) EXTRA LONG TORX KEY SET (TAMPERPROOF)

- Plastic holder professionally designed for installation and convenience usage.
- High torque application.
- Special design with hole in the head to fit the special screw.
- Material - S2 & heat treated.
- Size : TS10, TS15, TS20, TS25, TS27, TS30, TS40, TS45 & TS50

*Picture shown are for reference only



SCREW & PLIERS SERIES



HEX KEY

Item Code	SIZE (mm)	Length
HK11	11	138mm
HK12	12	138mm
HK13	13	138mm
HK14	14	155mm
HK15	15	160mm
HK16	16	170mm
HK17	17	180mm
HK19	19	200mm



FLEXIBLE SHAFT NUT DRIVER

- Round and flexible blade, fit for hexagon head bolts, nut screws and hose clamp.

Item Code	Size (mm)
FND06	6mm
FND07	7mm
FND08	8mm

Item Code	Size (mm)
FND10	10mm
FND12	12mm



NUT DRIVER

Item Code	Size (mm)
ND06	6mm
ND07	7mm
ND08	8mm

Item Code	Size (mm)
ND10	10mm
ND12	12mm



FHKS08

8PCS FOLDING HEX KEY SET

- Convenient folding type for easy & high torque application.
- Made from Chrome Vanadium steel & heat treated.
- Contents : 2, 2.5, 3, 4, 5, 6, 8 & 10mm



FTKS08

8PCS FOLDING TORX KEY SET

- Convenient folding type for easy & high torque application.
- Made from Chrome Vanadium steel & heat treated.



CCPS6123

10-1/2" CRICLIP PLIERS SET

- Extra heavy-duty 10 1/2" internal circlip pliers feature replaceable tips and have a spring ratchet locking mechanism to hold circlip securely againsts tension. Offset tips make it easier to facilitate circlip.
- 10 1/2" Internal & external pliers with eight pairs of interchangeable tips.

Includes Eight Pairs of Tip Sizes:

- 2.75mm Tips (in Straight, 15°, 45° & 90°)
- 3.00mm Tips (in Straight, 15°, 45° & 90°)
- Length: 10 1/2"
- Spread: 3"



CCPS6125

HEAVY DUTY CRICLIP PLIERS SET

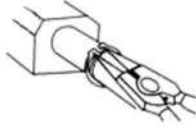
- Replaceable tips and spring ratchet locking mechanism to hold against snap ring tension.
- Contents : one internal snap ring plier & one external snap ring pliers.
- 3mm tips : straight, 45° & 90°.
- Capacity : 85~170mm

*Picture shown are for reference only



INTERNAL STRAIGHT SNAP RING PLIERS

Item Code	Length (mm)
CCP07HS	175
CCP09HS	230
CCP13HS	310



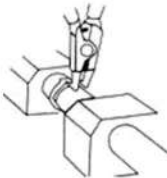
EXTERNAL STRAIGHT SNAP RING PLIERS

Item Code	Length (mm)
CCP07SS	175
CCP09SS	230
CCP13SS	310



INTERNAL BENT SNAP RING PLIERS

Item Code	Length (mm)
CCP07HB	175
CCP09HB	230



EXTERNAL BENT SNAP RING PLIERS

Item Code	Length (mm)
CCP07SB	175
CCP09SB	230



CCPS04

4PCS MINI CIRCLIP PLIERS SET

- Small size pliers for work in tight areas. Service S-ring and R-ring.
- Internal or external, straight or angled.
- Ruggedly built of heat-treated chrome molybdenum steel.
- Set includes two internal snap ring pliers (one straight, one 45°) and two external snap ring pliers (one straight, one 45°)



IP8128

8-1/2" INTERNAL PLIERS (BENT)

- Capacity 10-32mm
- For hole. 1.2-2.0mm



LRP5156

ANGLE TIP LOCK RING PLIERS

- The external models feature a spring for easier operation.
- Drop forged Alloy steel.
- 1" or 25mm opening at tips.
- Spreads lock rings commonly found on transmission master cylinders brakes and other applications.
- Specially designed jaws are knurled on the end to prevent slipping.
- Length : 8-1/2"



*Picture shown are for reference only



SCREW & PLIERS SERIES



SDS1508

8PCS SCREW DRIVER SET (RUBBER HANDLE)

Item	Size	Length
SD011/2	1-1/2" (+)	38mm
SD011/2	1-1/2" (-)	38mm
SD0405	4" x 5mm (+)	100mm
SD0405	4" x 5mm (-)	100mm
SD0606	6" x 6mm (+)	150mm
SD0606	6" x 6mm (-)	150mm
SD0808	8" x 8mm (+)	200mm
SD0808	8" x 8mm (-)	200mm
SD1008	10" x 8mm (+)	200mm
SD1008	10" x 8mm (-)	200mm



TTSD8008

EXTRA LONG TORX SCREW DRIVER SET (TAMPERPROOF)

Size : T10 ,T15, T20, T25, T27, T30, T40 & T45

Item	Size	Length
TTSD15010	T10	150mm
TTSD15015	T15	150mm
TTSD20020	T20	200mm
TTSD20025	T25	200mm
TTSD20027	T27	200mm
TTSD20030	T30	200mm
TTSD20040	T40	200mm
TTSD20045	T45	200mm



PLASTIC SCREW DRIVER

Item	Size	Length
SD0303P	3" x 3mm (-)	75mm
SD0403P	4" x 3mm (-)	100mm
SD0403P	4" x 3mm (+)	100mm
SD0606P	6" x 6mm (-)	150mm
SD0606P	6" x 6mm (+)	150mm
SD0803P	8" x 3mm (-)	200mm
SD0803P	8" x 3mm (+)	200mm
SD1005P	10" x 5mm (-)	250mm
SD1005P	10" x 5mm (+)	250mm



SCREW DRIVER

Item	Size	Length
SD011/2K	1-1/2" 2Way (+/-)	38mm
SD0406K	4" x 6mm (+)	100mm
SD0406K	4" x 6mm (-)	100mm
SD0606K	6" x 6mm (+)	150mm
SD0606K	6" x 6mm (-)	150mm
SD0806K	8" x 6mm (+)	200mm
SD0806K	8" x 6mm (-)	200mm
SD1008K	10" x 8mm (+)	250mm
SD1008K	10" x 8mm (-)	250mm
SD1208K	12" x 8mm (+)	300mm
SD1208K	12" x 8mm (-)	300mm



SDS07

7PCS SCREW DRIVER SET

- 1pcs 1-1/2" 2 Way Screw Driver
- 2pcs 4" x 6mm Screw Driver
- 2pcs 6" x 6mm Screw Driver
- 2pcs 8" x 6mm Screw Driver

*Picture shown are for reference only



LCP20 20" LOCKING CHAIN PLIERS

- Chain length : 19"
- CR-Mo jaws.
- Bodily heat-treated.
- Nickel plated.
- Function : Use the adjustable chain to clip things.



S6128R LOCKING SHEET METAL TOOL

- Locks on to work to eliminate hand gripping.
- Makes bending, forming and crimping sheet metal easier.
- Also excellent for upholstery work.
- Material : Jaw - CR-MO , Body - CR-MO



WELDING CLAMP PLIERS

- CR-MO Jaw bodily heat-treated welding brazed nickel plated.

Item Code	Specification
WCP09	9"
WCP11	11"



LOCKING C CLAMP PLIERS

- CR-V Jaw, heat-treated Jaw, Nickel plated

Item Code	Specification
CCP11	11"
CCP18	18"



LOCKING PLIERS

Item Code	Specification
LP10R	10" Straight
LP10WR	10" Jaw



LONG NOSE LOCKING PLIERS

Item Code	Specification
LNLP06	6"
LNLP09	9"



DUR3113

DOOR UPHOLSTERY REMOVER

- For removal of plastic upholstery fasteners.
- Place tool under edge of door panel and insert into fastener and then simply pry up.



EXTRA LONG NEEDLE NOSE PLIERS

- Manufactured from drop forged, heat treated steel with induction hardened cutting edges.
- Fully polished finish.
- Superb for use in areas with limited access.
- Non-slip foam cushion grip handles.

Item Code	Degree	Length
LNP4511	45°	275mm
LNP0011	STRAIGHT	275mm
LNP9011	90°	275mm



LONG NOSE PLIERS

- Made of fine CRV
- Hardened and comfortable ergonomic TPR handle
- Hard, tartness, sharp and black finish
- Black and polish durable and antirust

Item Code	Length
LNP06S	150mm
LNP08S	200mm



SJP08S

8" SLIP JOINT PLIERS

- Made of fine CRV
- Hardened and comfortable ergonomic TPR handle
- Hard, tartness, sharp and black finish
- Black and polish durable and antirust



CP06S

6" CUTTER PLIERS

- Made of fine CRV
- Hardened and comfortable ergonomic TPR handle
- Hard, tartness, sharp and black finish
- Black and polish durable and antirust



CP08S

8" COMBINATION PLIERS

- Made of fine CRV
- Hardened and comfortable ergonomic TPR handle
- Hard, tartness, sharp and black finish
- Black and polish durable and antirust



TG5222

52PCS THREAD GAUGE

- 52pcs Thread plug gage stainless steel metric screw pitch 60 and 55 Degree thread measuring gage gauge.



TRF8231

THREAD RESTORER FILES

- Restore tool for renewing damaged thread on any diameter bolt stud, axle or shaft file both right and hand threads.
- Metric file : 0.75mm, 1mm, 1.25mm, 1.5mm, 1.75mm, 2mm, 2.5mm & 3mm
* #1 x 4mm (-), #2 x 6mm (-)



SSD2-1

STUBBY SCREWDRIVER

- Contents : 1/4"F x 1/4"M Stubby Handle.



IDS6600

IMPACT DRIVER SET

- Bits material : S2
- 4 Bits x 36mmL: Phillips (+) No.2 & No.3
* Slotted (-) 8mm, 10mm
- 2 Bits x 80mmL : Phillips (+) No.2 & No.3



WWBP6209

WHEEL WEIGHT BALANCE PLIERS

- Easily removes and replaces wheel weights, as well as cutting and Crimping.
- Made of heat strengthened steel .Included comfortable vinyl handle grips.
- With self-open function spring on the handle for easier operation.



TITS308

TYRE INSERTING TOOLS SET

- 1pcs T-Handle Insert tools.
- 1pcs T-handle spiral probe tool.
- 1pcs hex key
- 1pcs knife
- 1pcs extra insert tool.
- 1pcs extra spiral probe tool.
- 5pcs kex tyre seal



BSS 141295

95PCS X 1/4"DR & 1/2"DR BOX SOCKET SET



- 18pcs 1/2"DR Box Socket - 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm, 32mm
- 4pcs 1/2"DR Deep Socket - 14mm, 15mm, 17mm, 19mm
- 1pcs 1/2"DR 8mm Bit Holder
- 1pcs 1/2"DR Universal Joint
- 1pcs 1/2" Ratchet Handle
- 1pcs 1/2MX3/8F Adapter
- 2pcs 1/2"DR Extension Bar 5" & 10"
- 2pcs 1/2"DR Spark Plug Socket 16mm & 21MM
- 13pcs 1/4"DR BoxSocket - 4mm, 4.5mm-5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm
- 8pcs 1/4"DR Deep Socket - 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm
- 6pcs 1/4"DR Torx Bit Socket - T8, T10, T15, T20, T25, T30
- 4pcs 1/4"DR HEX Bit Socket - 3mm, 4mm, 5mm, 6mm
- 7pcs 1/4"DR BIT Socket - FD4, FD5.5, FD7, PZ1, PZ2, PD1, PD2
- 2pcs 1/4"DR Extension Bar 2" & 4" 1/4"DR Universal Joint 1/4" Sliding T Handle
- 2pcs 1/4"DR Universal Joint & 1/4" Sliding T Handle
- 2pcs 1/4"DR Flexible Extension Bar & 1/4"DR Screw Driver Extension Bar
- 3pcs Hex Key 1.5mm, 2mm, 2.5mm Torx Bit T40, T45, T50, T55
- 4pcs Torx Bit T40, T45, T50, T56
- 5pcs Bit Adapter & Hex Bit 8mm, 10mm, 12mm, 14mm
- 7pcs Scerw Driver Bit PZ3, Pz4, 10, 12, PH3, PH4, Bit.

BSS1447

47PCS X 1/4"DR BOX SOCKET SET



- 6pcs 1/4" Bit Socket PD1, PD2, PD3, PZ1, PZ2, PZ3
- 3pcs 1/4" Bit Socket FD4, FD5, FD6.5
- 6pcs 1/4"Hex Bit Socket 3mm, 4mm, 5mm, 6mm, 7mm & 8mm
- 6pcs 1/4" Torx Bit Socket T10, T15, T20, T25, T30 & T40
- 13PCS 1/4" Box Socket 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm & 14mm
- 4pcs 1/4" Deep Socket 8mm, 10mm, 11mm & 13mm
- 1pcs 1/4" Ratchet Handle
- 1pcs 1/4" Screw Extension Bar
- 1pcs 1/4" Sliding T-Handle
- 2pcs 1/4" Extension Bar 2" & 4"
- 1pcs 1/4" Universal Joint
- 3pcs Hex key 1.5mm, 2mm & 2.5mm

BSS3861

61PCS X 3/8"DR BOX SOCKET SET



- 18pcs 3/8"DR Box Socket - 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm & 24mm.
- 10pcs 3/8"DR Deep Socket - 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm & 19mm.
- 2pcs 3/8"DR Extension Bar - 3" & 10"
- 2pcs 3/8"DR Spark Plug Socket - 16mm & 21mm.
- 2pcs 3/8"DR Universal Joint & 3/8" Ratchet Handle
- 10pcs 3/8"DR Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40, T45, T50 & T55.
- 7pcs 3/8"DR Hex Bit Socket - 3mm, 4mm, 5mm, 6mm, 7mm, 8mm & 10mm.
- 9pcs 3/8"DR Screw Driver Socket Bit - FD5.5, FD7, FD8, PZ1, PZ2, PZ3, PD1, PD2 & PD3

BSS1222

22PCS X 1/2"DR BOX SOCKET SET



- 1Pcs 1/2" Ratchet Handle
- 1Pcs 1/2"DR Universal Joint
- 2Pcs Extension Bar 3" & 5"
- 1Pcs 3/8" F x 1/2" M Adaptor
- 16Pcs 1/2"DR Box Socket Size: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm, 32mm

**Picture shown are for reference only*



SWS1529

29PCS SOCKET WRENCH SET

- 2pcs Gear Wrench - 10mm & 12mm
- 1pcs 13 Blade Feller Gauge
- 3pcs Flexible Socket - 8x10mm, 12x13mm & 14x17mm
- 16pcs 1/2"DR Box Socket - 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 23mm & 24mm
- 2pcs 1/2"DR Extension Bar - 3" & 10"
- 1pcs 1/2"DR Sliding T Handle
- 1pcs 1/2"DR Universal Joint
- 2pcs 1/2" Dr Spark Plug Socket - 16mm & 21mm
- 1pcs 1/2"DR Ratchet Handle



SWS1533

33PCS SOCKET WRENCH SET

- 13pcs 1/2"DR Box Socket - 10mm, 12mm, 13mm, 14mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm & 32mm
- 9pcs 15Degree Combination Wrench - 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm & 19mm
- 2pcs 1/2" Dr Spark Plug Socket - 16mm & 21mm
- 1pcs 1/2"DR Ratchet Handle
- 3pcs 1/2"Dr Impact Deep Socket - 17mm, 19mm & 21mm
- 1pcs 1/2"Dr L Handle (H/D)
- 1pcs 1/2"DR Impact Universal Joint
- 1pcs 6-24V Car Light Tester
- 1pcs 5" x 1/2"DR Extension Bar
- 1pcs 13Blade Feller Gauge



SWS1534

34PCS SOCKET WRENCH SET

- 10pcs 1/2"DR Box Socket - 8mm, 10mm, 12mm, 14mm, 17mm, 19mm, 20mm, 21mm, 22mm & 24mm
- 8pcs 15 Degree Combination Wrench - 8mm, 10mm, 12mm, 14mm, 17mm, 19mm, 21mm & 22mm
- 2pcs 1/2" Dr Spark Plug Socket - 16mm & 21mm
- 1pcs 6-24V Car Light Tester
- 4pcs Screw Driver - 4"x6mm (-)(+) & 6"x6mm(-)(+)
- 1pcs Magnetic Pick Up Tool
- 1pcs 1/2"DR Sliding T Handle
- 2pcs 1/2"Dr Extension Bar - 3" & 10"
- 1pcs Cutter Knife
- 1pcs 1/2"DR Universal Joint
- 1pcs 8" Combination Pliers
- 1pcs 6" Long Nose Pliers
- 1pcs 13Blade Feller Gauge



SWS1535

35PCS SOCKET WRENCH SET

- 15pcs 1/2"DR Box Socket - 8mm, 9mm, 10mm, 12mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm & 32mm
- 2pcs 1/2"Dr Extension Bar - 3" & 5"
- 2pcs 1/2" Dr Spark Plug Socket - 16mm & 21mm
- 1pcs 6-24V Car Light Tester
- 1pcs Cutter Knife
- 1pcs 1/2"DR Ratchet Handle
- 1pcs 1/2"DR Universal Joint
- 8pcs Double Open Wrench - 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm & 20x22mm
- 1pcs 3/8" F x 1/2" M Adaptor
- 1pcs 8" Combination Pliers
- 1pcs 6" Long Nose Pliers
- 1pcs 6" Cutter Pliers

*Picture shown are for reference only



SWS1536

36PCS SOCKET WRENCH SET

- 1pcs 13Blade Feller Gauge
- 4pcs Flexible Gear Wrench - 8mm, 10mm, 12mm & 14mm
- 4pcs Flexible Socket - 8x9mm, 10x11mm, 12x13mm & 14x15mm
- 14pcs 1/2"DR Box Socket - 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm & 24mm
- 1pcs 1/2"DR Ratchet Handle.
- 3pcs 1/2"DR Extension Bar - 3", 5" & 10"
- 3pcs 1/2" Thin Wall Socket - 17mm, 19mm & 21mm.
- 2Pcs Adaptor - 1/2"F x 3/8"M & 3/8"F x 1/2"M
- 3pcs 1/2"DR Spark Plug Socket - 14mm, 16mm & 21mm
- 1pcs 1/2"DR Universal joint



SWS1550

50PCS SOCKET WRENCH SET

- 1pcs 13Blade Feller Gauge
- 2pcs Ratchet Handle - 1/2"DR & 3/8"DR
- 2Pcs Adaptor - 3/8"F x 1/4"M & 3/8"F x 1/2"M
- 6pcs Flexible Socket - 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm & 16x17mm
- 5pcs Stubby Combination Wrench - 8mm, 10mm, 12mm, 14mm & 17mm
- 2pcs Universal Joint - 1/2"DR & 3/8"DR
- 13pcs 1/4"DR Box Socket - 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm & 14mm
- 9pcs 3/8"DR Box Socket - 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm & 24mm
- 6pcs 1/2" Box Socket - 25mm, 26mm, 27mm, 28mm, 30mm & 32mm
- 2pcs 1/2"DR Spark Plug Socket - 16mm & 21mm
- 2pcs Extension Bar - 10" x 1/2"DR & 6" x 3/8"DR



TWS76

76PCS TORX WRENCH SET

- 8 Unit Temperproof Torx Screw Driver-T08, T10, T15, T20, T25, T27, T30
- 1 Unit Magnetic Pick Up Tool
- 4 Unit Torx Wrench - E6xE8, E10xE12, E14xE18 & E20xE24
- 7 Unit 1/2"DR E Torx Socket - E12, E14, E16, E18, E20, E22 & E24
- 7 Unit 1/4"DR E Torx Socket - E4, E5, E6, E7, E8, E10 & E11
- 2 Unit Bit Holder - 1/2"DR & 1/4"DR
- 6 Unit 30mm Temperproof Torx Bit - T40, T45, T50, T55, T60 & T70
- 10 Unit 25mm Temperproof Torx Bit - T7, T8, T9, T10, T15, T20, T25, T27, T30 & T40
- 9 Unit 75mm Torx Bit - T15, T20, T25, T30, T40, T45, T50, T55 & T60
- 10 Unit 1/4"DR x 7mm Torx Bit Socket - T7, T8, T9, T10, T15, T20, T25, T27, T30 & T40
- 12 Unit Torx Key - T8, T10, T15, T20, T25, T27, T30, T40, T45, T50, T55 & T60

*Picture shown are for reference only



SOCKET SERIES



DSS62114

14PCS X 3/8"DR 6-21MM DEEP SOCKET SET

- Socket Size: 6mm, 8mm, 9mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm & 21mm
- 3/8" SB Socket Holder



BSS62114

14PCS X 3/8"DR 6-21MM BOX SOCKET SET

- Socket Size: 6mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm
- 3/8" SB Socket Holder



IBSS123213

13PCS X 1/2"DR 12-32MM IMPACT BOX SOCKET SET

- Socket Size: 12mm, 14mm, 17mm, 19mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm, 28mm, 30mm, 32mm
- 1/2" Socket Holder



ETSS1214

14PCS X 1/2" & 1/4"DR EXTERNAL TORX SOCKET SET

- 2pcs 4" x 1/4"Dr Extension Bar & 1/4" Sliding T-Handle
- 5pcs 1/4"Dr Torx Socket - E4, E5, E6, E7 & E8
- 7pcs 1/2"Dr Torx Socket - E10, E11, E12, E14, E16, E18 & E20



ETDSS1438

12PCS X 1/4" & 3/8"DR EXTERNAL TORX DEEP SOCKET SET

- 5pcs 1/4"DR External Torx Deep Socket - E04, E05, E06, E07 & E08
- 5pcs 3/8"DR External Torx Deep Socket - E10, E12, E14, E16 & E18
- 1pcs A3/8F x 1/4M Adaptor
- 1pcs 1/4" Sliding T-Handle



SLSS1214

14PCS X 1/2"DR SUPER LOCK SOCKET SET

- 7pcs x 1/2" Super Lock Deep Socket- 8mm, 10mm, 12mm, 13mm, 14mm, 17mm & 19mm
- 7pcs x 1/2" Super Lock Socket- 8mm, 10mm, 12mm, 13mm, 14mm, 17mm & 19mm



DSS121024

9PCS X 1/2"DR DEEP SOCKET SET

- 1/2" Deep Socket 10mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, 22mm & 24mm



IDSS121024

9PCS X 1/2"DR IMPACT DEEP SOCKET SET

- 1/2" Impact Deep Socket - 10mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, 22mm & 24mm

*Picture shown are for reference only



BSS1225

25PCS X 1/2"DR BOX SOCKET SET

- 18pcs 1/2"Dr Box Socket - 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm & 32mm
- 2pcs 1/2"DR Extension Bar - 5" & 10"
- 2pcs 1/2" Universal Joint & 1/2"DR Ratchet Handle
- 2pcs 1/2"DR Magnetic Spark Plug Socket - 16mm & 21mm
- 1pcs 1/2"M x 3/8"F Adaptor



BSS1211

11PCS X 1/2"DR BOX SOCKET SET

- 10pcs 1/2" Box Socket -8mm, 10mm, 12mm, 13mm, 14mm, 17mm, 19mm, 22mm & 24mm
- 1pcs 3/8F x 1/2m Adaptor.
- 1pcs 1/2" L-Handle



IBSS1211

11PCS X 1/2"DR IMPACT BOX SOCKET SET

- 10pcs 1/2" Impact Box Socket- 10mm, 12mm, 13mm, 14mm, 16mm, 17mm, 19mm, 21mm, 22mm & 24mm
- 1pcs 1/2" L-Handle (H/D)



BSS1518

18PCS X 1/2"DR BOX SOCKET SET

- 16pcs 1/2" Box Socket - 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm & 32mm
- 1pcs 10" x 1/2Dr Extension Bar
- 1pcs 1/2"DR L-Handle



ISS1216

16PCS X 1/2"DR IMPACT SOCKET SET

- 8pcs 1/2"DR Box Socket - 12mm, 14mm, 17mm, 19mm, 21mm, 22mm, 23mm & 24mm
- 8pcs 1/2"DR Impact Deep Socket - 12mm, 14mm, 17mm, 19mm, 21mm, 22mm, 23mm & 24mm



IDSS1210

10PCS X 1/2"DR IMPACT DEEP SOCKET SET

- 9pcs 1/2"DR Impact Deep Socket - 17mm, 19mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm & 32mm
- 1pcs 1/2"L-Handle



IBSS1210

10PCS X 1/2"DR IMPACT BOX SOCKET

- Size : 10, 12, 13, 14, 15, 16, 17, 19, 21 & 22mm



SOCKET SERIES



ITSS1209

9PCS X 1/2"DR IMPACT TORX SOCKET SET

- Size : T20, T25, T27, T30, T40, T45, T50, T55 & T60
- Length:78mm



IHSS1209

9PCS X 1/2"DR IMPACT HEX SOCKET SET

- Size : 4mm, 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 13mm & 14mm
- Length:78mm



ETSS1210

10PCS X 1/2" EXTERNAL TORX SOCKET SET

- 1/2"Dr E Socket - E8, E10, E11, E12, E14, E16, E18, E20, E22 & E24



SBSS1207

7PCS X 1/2"DR SPLINE BIT SOCKET SET

- Size - M6, M8, M9, M9.5, M10, M12 & M14
- Length : 100mm



PBS1542

42PCS POWER BIT SET

- 7pcs 75mm Hex Bit - 4mm, 5mm, 6mm, 7mm, 8mm, 10mm & 12mm
- 7pcs 30mm Hex Bit - 4mm, 5mm, 6mm, 7mm, 8mm, 10mm & 12mm
- 5pcs 75mm Spline Bit - M5, M6, M8, M10 & M12
- 5pcs 30mm Spline Bit - M5, M6, M8, M10 & M12
- 8pcs 75mm Torx bit - T20, T25, T27, T30, T40, T50 & T55
- 8pcs 30mm Torx bit - T20, T25, T27, T30, T40, T50 & T55
- 2PCS 10mm Bit Holder - 1/2"Dr & 3/8"Dr



PBS1560

60PCS POWER BIT SET

- 4pcs 75mm Ribe Bit- 6mm,8mm,10mm &12mm
- 9pcs 75mm Torx Bit- T20,T25,T27,T30,T40,T45,T50, T55 & T60
- 9pcs 75mm Hex Bit - 4mm,5mm,6mm,7mm,8mm,9mm,3/8"10mm & 12mm
- 8pcs 75mm Spline Bit - m5,m6,m8,m9,m10,m12,m14 &m16
- 2pcs 75mm Square power Bit - 8mm & 10mm
- 2pcs 30mm Screw Bit- PH2 & FD8
- 10pcs 30mm Hex Bit - H4,H5,H6,H7,H8,H9,H10,H12,H14 & H17
- 5pcs 30mm Torx Bit- M5, M6, M8, M10 & M12
- 9pcs 30mm Torx Bit- T20, T25, T27, T30, T40, T45, T50, T55 & T60
- 2pcs Bit Holder- 3/8" / 1/2"

*Picture shown are for reference only



SOCKET SERIES



SBSS3006 6PCS SPLINE BIT SOCKET SET

- 1/2"DR Spline Socket
- Size : M10, M12, M14, M16, M18 & M20



TBSS3006 6PCS TORX BIT SOCKET SET

- 1/2"DR Torx Socket
- Size : T55, T60, T70, T80, T90 & T101



TBSS1208 8PCS X 1/2"DR TORX BIT SOCKET SET

- 1/2"DR Torx Bit Socket - T20, T25, T27, T30, T40, T45, T50, T55



TWS17 17PCS X 1/2"DR TORX WRENCH SET

- 9pcs 1/2"Dr External Torx Socket - E10, E11, E12, E14, E16, E18, E20, E22 & E24
- 8pcs 1/2"Dr x 50mm Torx Bit Socket - T20, T25, T27, T30, T40, T45, T50 & T55



TBSS3811 11PCS X 3/8"DR TAMPER TORX BIT SOCKET SET (5 STAR)

- Size : T10, T15, T20, T25, T27, T30, T40, T45, T50, T55 & T60



ETSS1413 13PCS X 1/4"DR EXTERNAL TORX SOCKET SET

- 1 Unit 1/4" Ratchet Handle
- 1 Unit 4" x 1/4" Extension Bar
- 1 Unit 1/4" Universal joint
- 5pcs 1/4" External Torx Socket - E04, E05, E06, E07 & E08
- 5pcs 1/4" External Torx Deep Socket - E04, E05, E06, E07 & E08



TBSS1408 8PCS X 1/4"DR TORX BIT SOCKET SET (5 STAR)

- 1/4"Dr Torx Bit Socket - T10, T15, T20, T25, T27, T30, T40 & T45



RBSS0606 6PCS ROTARY BURR SET

- Rotary burr set is heat treated for long durable use
- Use this set to grind weld beads, shape parts, smooth rough castings, or port cylinder heads

*Picture shown are for reference only



SOCKET SERIES



1/2"DR IMPACT TORX SOCKET(78MM)

Item Code	Drive	Size	Length
ITS127820	1/2"	T20	78mm
ITS127825	1/2"	T25	78mm
ITS127827	1/2"	T27	78mm
ITS127830	1/2"	T30	78mm
ITS127840	1/2"	T40	78mm
ITS127845	1/2"	T45	78mm
ITS127850	1/2"	T50	78mm
ITS127855	1/2"	T55	78mm
ITS127860	1/2"	T60	78mm
ITS127870	1/2"	T70	78mm



1/2"DR IMPACT HEX SOCKET (78MM)

Item Code	Drive	Size	Length
IHS127804	1/2"	4mm	78mm
IHS127805	1/2"	5mm	78mm
IHS127806	1/2"	6mm	78mm
IHS127807	1/2"	7mm	78mm
IHS127808	1/2"	8mm	78mm
IHS127809	1/2"	9mm	78mm
IHS127810	1/2"	10mm	78mm
IHS127812	1/2"	12mm	78mm
IHS1278125	1/2"	12.5mm	78mm
IHS127813	1/2"	13mm	78mm
IHS127814	1/2"	14mm	78mm
IHS127817	1/2"	17mm	78mm



1/2"DR SPLINE BIT SOCKET (100MM)

Item Code	Drive	Size	Length	Item Code	Drive	Size	Length
SBS1210005	1/2"	M5	100mm	SBS1210010	1/2"	M10	100mm
SBS1210006	1/2"	M6	100mm	SBS1210012	1/2"	M12	100mm
SBS1210008	1/2"	M8	100mm	SBS1210014	1/2"	M14	100mm
SBS1210009	1/2"	M9	100mm	SBS1210016	1/2"	M16	100mm
SBS1210095	1/2"	M9.5	100mm	SBS1210018	1/2"	M18	100mm



1/4"DR TORX BIT SOCKET

Item Code	Drive	Size	Length	Item Code	Drive	Size	Length
TBS143706	1/4"	T6	37mm	TBS143720	1/4"	T20	37mm
TBS143707	1/4"	T7	37mm	TBS143725	1/4"	T25	37mm
TBS143708	1/4"	T8	37mm	TBS143727	1/4"	T27	37mm
TBS143709	1/4"	T9	37mm	TBS143730	1/4"	T30	37mm
TBS143710	1/4"	T10	37mm	TBS143740	1/4"	T40	37mm
TBS143715	1/4"	T15	37mm				



3/8"DR TORX BIT SOCKET

Item Code	Drive	Size	Length	Item Code	Drive	Size	Length
TBS385010	3/8"	T10	50mm	TBS385030	3/8"	T30	50mm
TBS385015	3/8"	T15	50mm	TBS385040	3/8"	T40	50mm
TBS385020	3/8"	T20	50mm	TBS385045	3/8"	T45	50mm
TBS385025	3/8"	T25	50mm	TBS385050	3/8"	T50	50mm
TBS385027	3/8"	T27	50mm	TBS385055	3/8"	T55	50mm



1/2"DR TORX BIT SOCKET(55MM)

Item Code	Drive	Size	Length	Item Code	Drive	Size	Length
TBS125520	1/2"	T20	55mm	TBS125545	1/2"	T45	55mm
TBS125525	1/2"	T25	55mm	TBS125550	1/2"	T50	55mm
TBS125527	1/2"	T27	55mm	TBS125555	1/2"	T55	55mm
TBS125530	1/2"	T30	55mm	TBS125560	1/2"	T60	55mm
TBS125540	1/2"	T40	55mm				

*Picture shown are for reference only



SOCKET SERIES



EXTERNAL TORX SOCKET 1/4"DR EXTERNAL TORX SOCKET

Item Code	Size
ETS1404	1/4" x E4
ETS1405	1/4" x E5
ETS1406	1/4" x E6
ETS1407	1/4" x E7
ETS1408	1/4" x E8

3/8"DR EXTERNAL TORX SOCKET

Item Code	Size
ETS3804	3/8" x E4
ETS3805	3/8" x E5
ETS3806	3/8" x E6
ETS3807	3/8" x E7
ETS3808	3/8" x E8
ETS3810	3/8" x E10
ETS3812	3/8" x E12
ETS3814	3/8" x E14
ETS3816	3/8" x E16
ETS3818	3/8" x E18

1/2"DR EXTERNAL TORX SOCKET

Item Code	Size
ETS1210	1/2" x E10
ETS1211	1/2" x E11
ETS1212	1/2" x E12
ETS1214	1/2" x E14
ETS1216	1/2" x E16
ETS1218	1/2" x E18
ETS1220	1/2" x E20
ETS1222	1/2" x E22
ETS1224	1/2" x E24



EXTERNAL TORX DEEP SOCKET 1/4"DR EXTERNAL TORX DEEP SOCKET

Item Code	Size
ETDS1404	1/4" x E4
ETDS1405	1/4" x E5
ETDS1406	1/4" x E6
ETDS1407	1/4" x E7
ETDS1408	1/4" x E8

3/8"DR EXTERNAL TORX DEEP SOCKET

Item Code	Size
ETDS3804	3/8" x E4
ETDS3805	3/8" x E5
ETDS3806	3/8" x E6
ETDS3807	3/8" x E7
ETDS3808	3/8" x E8
ETDS3810	3/8" x E10
ETDS3812	3/8" x E12
ETDS3814	3/8" x E14
ETDS3816	3/8" x E16
ETDS3818	3/8" x E18

1/2"DR EXTERNAL TORX DEEP SOCKET

Item Code	Size
ETDS1210	1/2" x E10
ETDS1211	1/2" x E11
ETDS1212	1/2" x E12
ETDS1214	1/2" x E14
ETDS1216	1/2" x E16
ETDS1218	1/2" x E18
ETDS1220	1/2" x E20
ETDS1222	1/2" x E22
ETDS1224	1/2" x E24



1/2"DR HEX BIT SOCKET (55MM)

Item Code	Drive	Size	Length
HBS125504	1/2"	4mm	55mm
HBS125505	1/2"	5mm	55mm
HBS125506	1/2"	6mm	55mm
HBS125507	1/2"	7mm	55mm
HBS125508	1/2"	8mm	55mm
HBS125510	1/2"	10mm	55mm
HBS125512	1/2"	12mm	55mm



1/2"DR SPLINE BIT SOCKET (55MM)

Item Code	Drive	Size	Length
SBS125505	1/2"	M5	55mm
SBS125506	1/2"	M6	55mm
SBS125508	1/2"	M8	55mm
SBS125509	1/2"	M9	55mm
SBS125510	1/2"	M10	55mm
SBS125512	1/2"	M12	55mm
SBS125514	1/2"	M14	55mm

*Picture shown are for reference only



SOCKET SERIES



SPS5514M

14MM X 3/8"DR SPARK PLUG SOCKET

- Heat treated chrome vanadium steel socket with built in strong magnetic insert no easy drops spark plug when working.
- Length : 90mm



SPS5516M

16MM X 1/2"DR SPARK PLUG SOCKET

- Heat treated chrome vanadium steel socket with built in strong magnetic insert no easy drops spark plug when working.



SPS5521M

21MM X 1/2"DR SPARK PLUG SOCKET

- Heat treated chrome vanadium steel socket with built in strong magnetic insert no easy drops spark plug when working.



SPS381214

14MM X 3/8"DR SPARK PLUG SOCKET (12PT)

- Narrow body specifically designed by Schwaben tools to accommodate the needs of the N54/N55 engine and spark plug.
- Utilizes a magnet to hold the spark plug secure during installing and removal.



ELSPS3814F

14MM X 3/8"DR EXTRA LONG SPARK PLUG SOCKET (12PT)

- Size 3/8"DR x 14mm X L 250mm



SOCKET HOLDER

- Steelracks with 16 slide-on clip hold sockets tightly without rating.
- Socket are easily removable.
- Features screw holes for mounting to work bench, tool chest or wall.

Item Code	Size
SH1/4	1/4"
SH3/8	3/8"
SH1/2	1/2"

*Picture shown are for reference only



SOCKET SERIES



T-HANDLE SOCKET WRENCH

- Drop forged chrome vanadium steel, heat treated & Chrome plated.

Item Code	Specification
TH08	8mm x 300mm
TH10	10mm x 300mm
TH11	11mm x 300mm

Item Code	Specification
TH12	12mm x 300mm
TH13	13mm x 300mm
TH14	14mm x 300mm



UNIVERSAL T-HANDLE SOCKET WRENCH

- Drop forged chrome vanadium steel, heat treated & Chrome plated.
- Extra long universal socket T Handle for this jobs in hard to reach places.
- Universal head gives steady steady flexibility.

Item Code	Specification
FTH45008	8mm x 450mm
FTH45010	10mm x 450mm
FTH45011	11mm x 450mm

Item Code	Specification
FTH45012	12mm x 450mm
FTH45013	13mm x 450mm
FTH45014	14mm x 450mm

Item Code	Specification
FTH60008	8mm x 600mm
FTH60010	10mm x 600mm
FTH60011	11mm x 600mm

Item Code	Specification
FTH60012	12mm x 600mm
FTH60013	13mm x 600mm
FTH60014	14mm x 600mm



UNIVERSAL T-HANDLE SPARK PLUG SOCKET WRENCH

- 450mm handle for hard to reach recessed spark plugs.
- Avoids burns form engine head.
- Universal head gives steady flexibility.
- The socket with magnetic.

Item Code	Specification
SPS5514T	14mm x 450mm
SPS5516T	16mm x 450mm
SPS5521T	21mm x 450mm



IMPACT ADAPTOR

- Drop forged steel adaptors.
- Chrome molybdenum steel used where applications demand higher torque rates.
- Phosphate finish for added corrosion resistance.
- Spring ball socket retainer and drilld head to accept retaining pin where required.

Item Code	Female	Male	Material
A38F14M	3/8"	1/4"	CRM
A38F12M	3/8"	1/2"	CRM
A12F38M	1/2"	3/8"	CRM
A12F34M	1/2"	3/4"	CRM
A34F12M	3/4"	1/2"	CRM
A34F01M	3/4"	1"	CRM
A01F34M	1"	3/4"	CRM



IMPACT UNIVERSAL JOINT

- The universal joint allows for a smooth, bind free action while increasing accessories.

Item Code	Spec.	Length
IUJ3838	3/8"	50mm
IUJ1212	1/2"	60mm



UNIVERSAL JOINT

- Spring-stiffened joint. Stays in position when reaching for fasteners.
- Substantial time-savings.

Item Code	Spec.	Length
UJ1414	1/4"	40mm
UJ3838	3/8"	56mm
UJ1212	1/2"	72mm

*Picture shown are for reference only



SOCKET SERIES

10MM HEX BIT



Item Code	Size	Length
HB3004	4mm	30mm
HB3005	5mm	30mm
HB3006	6mm	30mm
HB3007	7mm	30mm
HB3008	8mm	30mm
HB3010	10mm	30mm
HB3012	12mm	30mm

Item Code	Size	Length
HB7504	4mm	75mm
HB7505	5mm	75mm
HB7506	6mm	75mm
HB7507	7mm	75mm
HB7508	8mm	75mm
HB7510	10mm	75mm
HB7512	12mm	75mm

10MM SPLINE BIT



Item Code	Size	Length
SB3005	M5	30mm
SB3006	M6	30mm
SB3008	M8	30mm
SB3009	M9	30mm
SB3010	M10	30mm
SB3012	M12	30mm

Item Code	Size	Length
SB7505	M5	75mm
SB7506	M6	75mm
SB7508	M8	75mm
SB7509	M9	75mm
SB7510	M10	75mm
SB7512	M12	75mm

10MM TORX BIT



Item Code	Size	Length
TB3020	T20	30mm
TB3025	T25	30mm
TB3027	T27	30mm
TB3030	T30	30mm
TB3040	T40	30mm
TB3045	T45	30mm
TB3050	T50	30mm
TB3055	T55	30mm
TB3060	T60	30mm

Item Code	Size	Length
TB7520	T20	75mm
TB7525	T25	75mm
TB7527	T27	75mm
TB7530	T30	75mm
TB7540	T40	75mm
TB7545	T45	75mm
TB7550	T50	75mm
TB7555	T55	75mm
TB7560	T60	75mm

10MM RIBE BIT



Item Code	Size	Length
RB3005	R5	30mm
RB3006	R6	30mm
RB3007	R7	30mm
RB3008	R8	30mm
RB3010	R10	30mm
RB3012	R12	30mm
RB3013	R13	30mm
RB3014	R14	30mm

Item Code	Size	Length
RB7505	R5	75mm
RB7506	R6	75mm
RB7507	R7	75mm
RB7508	R8	75mm
RB7510	R10	75mm
RB7512	R12	75mm
RB7513	R13	75mm
RB7514	R14	75mm

10MM BIT HOLDER



Item Code	Size
BH1012	10mm x 1/2"Dr
BH1038	10mm x 3/8"Dr
BH1208	8mm x 1/2"Dr

1/2"DR RIBE BIT SOCKET



Item Code	Size	Length
RBS1210005	M5	100mm
RBS1210006	M6	100mm
RBS1210007	M7	100mm
RBS1210008	M8	100mm
RBS1210009	M9	100mm

Item Code	Size	Length
RBS1210010	M10	100mm
RBS1210012	M12	100mm
RBS1210013	M13	100mm
RBS1210014	M14	100mm
RBS1210016	M16	100mm

*Picture shown are for reference only



SOCKET SERIES

1/2"DR 6PT. SOCKET



Item Code	Drive	Size	Length
BS120608	1/2"	8	38mm
BS120609	1/2"	9	38mm
BS120610	1/2"	10	38mm
BS120611	1/2"	11	38mm
BS120612	1/2"	12	38mm
BS120613	1/2"	13	38mm
BS120614	1/2"	14	38mm
BS120615	1/2"	15	38mm
BS120616	1/2"	16	38mm
BS120617	1/2"	17	38mm
BS120618	1/2"	18	38mm
BS120619	1/2"	19	38mm

Item Code	Drive	Size	Length
BS120620	1/2"	20	38
BS120621	1/2"	21	38
BS120622	1/2"	22	40
BS120623	1/2"	23	40
BS120624	1/2"	24	42
BS120625	1/2"	25	42
BS120626	1/2"	26	42
BS120627	1/2"	27	43
BS120628	1/2"	28	43
BS120629	1/2"	29	43
BS120630	1/2"	30	45
BS120632	1/2"	32	46

1/2"DR 6PT. DEEP SOCKET



Item Code	Drive	Size	Length
DS120608	1/2"	8	77mm
DS120609	1/2"	9	77mm
DS120610	1/2"	10	77mm
DS120611	1/2"	11	77mm
DS120612	1/2"	12	77mm
DS120613	1/2"	13	77mm
DS120614	1/2"	14	77mm
DS120615	1/2"	15	77mm
DS120616	1/2"	16	77mm
DS120617	1/2"	17	77mm
DS120618	1/2"	18	77mm
DS120619	1/2"	19	77mm

Item Code	Drive	Size	Length
DS120620	1/2"	20	77mm
DS120621	1/2"	21	77mm
DS120622	1/2"	22	77mm
DS120623	1/2"	23	77mm
DS120624	1/2"	24	77mm
DS120625	1/2"	25	77mm
DS120626	1/2"	26	77mm
DS120627	1/2"	27	77mm
DS120628	1/2"	28	77mm
DS120629	1/2"	29	77mm
DS120630	1/2"	30	77mm
DS120632	1/2"	32	77mm

1/2"DR 6PT.SOCKET



Item Code	Drive	Size	Length
BS121208	1/2"	8	38mm
BS121209	1/2"	9	38mm
BS121210	1/2"	10	38mm
BS121211	1/2"	11	38mm
BS121212	1/2"	12	38mm
BS121213	1/2"	13	38mm
BS121214	1/2"	14	38mm
BS121215	1/2"	15	38mm
BS121216	1/2"	16	38mm
BS121217	1/2"	17	38mm
BS121218	1/2"	18	38mm
BS121219	1/2"	19	38mm

Item Code	Drive	Size	Length
BS121220	1/2"	20	38mm
BS121221	1/2"	21	38mm
BS121222	1/2"	22	38mm
BS121223	1/2"	23	38mm
BS121224	1/2"	24	38mm
BS121225	1/2"	25	38mm
BS121226	1/2"	26	38mm
BS121227	1/2"	27	38mm
BS121228	1/2"	28	38mm
BS121229	1/2"	29	38mm
BS121230	1/2"	30	38mm
BS121232	1/2"	32	38mm

1/2"DR 12PT. DEEP SOCKET



Item Code	Drive	Size	Length
DS121208	1/2"	8	77mm
DS121209	1/2"	9	77mm
DS121210	1/2"	10	77mm
DS121211	1/2"	11	77mm
DS121212	1/2"	12	77mm
DS121213	1/2"	13	77mm
DS121214	1/2"	14	77mm
DS121215	1/2"	15	77mm
DS121216	1/2"	16	77mm
DS121217	1/2"	17	77mm
DS121218	1/2"	18	77mm
DS121219	1/2"	19	77mm

Item Code	Drive	Size	Length
DS121220	1/2"	20	77mm
DS121221	1/2"	21	77mm
DS121222	1/2"	22	77mm
DS121223	1/2"	23	77mm
DS121224	1/2"	24	77mm
DS121225	1/2"	25	77mm
DS121226	1/2"	26	77mm
DS121227	1/2"	27	77mm
DS121228	1/2"	28	77mm
DS121229	1/2"	29	77mm
DS121230	1/2"	30	77mm
DS121232	1/2"	32	77mm

*Picture shown are for reference only



SOCKET SERIES



1/4"DR 6PT. SOCKET

Item Code	Drive	Size	Length
BS140604	1/4"	4	25mm
BS140645	1/4"	4.5	25mm
BS140605	1/4"	5	25mm
BS140655	1/4"	5.5	25mm
BS140606	1/4"	6	25mm
BS140607	1/4"	7	25mm
BS140608	1/4"	8	25mm

Item Code	Drive	Size	Length
BS140609	1/4"	9	25mm
BS140610	1/4"	10	25mm
BS140611	1/4"	11	25mm
BS140612	1/4"	12	25mm
BS140613	1/4"	13	25mm
BS140614	1/4"	14	25mm



1/4"DR 6PT. DEEP SOCKET

Item Code	Drive	Size	Length
DS140603	1/4"	3	50mm
DS140604	1/4"	4	50mm
DS140645	1/4"	4.5	50mm
DS140605	1/4"	5	50mm
DS140655	1/4"	5.5	50mm
DS140606	1/4"	6	50mm
DS140607	1/4"	7	50mm

Item Code	Drive	Size	Length
DS140608	1/4"	8	50mm
DS140609	1/4"	9	50mm
DS140610	1/4"	10	50mm
DS140611	1/4"	11	50mm
DS140612	1/4"	12	50mm
DS140613	1/4"	13	50mm
DS140614	1/4"	14	50mm



3/8"DR 6PT. SOCKET

Item Code	Drive	Size	Length
BS380606	3/8"	6	28mm
BS380607	3/8"	7	28mm
BS380608	3/8"	8	28mm
BS380609	3/8"	9	28mm
BS380610	3/8"	10	28mm
BS380611	3/8"	11	28mm
BS380612	3/8"	12	28mm
BS380613	3/8"	13	28mm
BS380614	3/8"	14	28mm

Item Code	Drive	Size	Length
BS380615	3/8"	15	28mm
BS380616	3/8"	16	28mm
BS380617	3/8"	17	28mm
BS380618	3/8"	18	28mm
BS380619	3/8"	19	28mm
BS380620	3/8"	20	28mm
BS380621	3/8"	21	28mm
BS380622	3/8"	22	28mm
BS380624	3/8"	24	28mm



3/8"DR 6PT. DEEP SOCKET

Item Code	Drive	Size	Length
DS380606	3/8"	6	63mm
DS380607	3/8"	7	63mm
DS380608	3/8"	8	63mm
DS380609	3/8"	9	63mm
DS380610	3/8"	10	63mm
DS380611	3/8"	11	63mm
DS380612	3/8"	12	63mm
DS380613	3/8"	13	63mm
DS380614	3/8"	14	63mm

Item Code	Drive	Size	Length
DS380615	3/8"	15	63mm
DS380616	3/8"	16	63mm
DS380617	3/8"	17	63mm
DS380618	3/8"	18	63mm
DS380619	3/8"	19	63mm
DS380620	3/8"	20	63mm
DS380621	3/8"	21	63mm
DS380622	3/8"	22	63mm
DS380624	3/8"	24	63mm



1/2"DR SUPER LOCK SOCKET

Item Code	Drive	Size	Length
SL1208B	1/2"	8	38mm
SL1210B	1/2"	10	38mm
SL1212B	1/2"	12	38mm
SL1213B	1/2"	13	38mm
SL1214B	1/2"	14	38mm
SL1217B	1/2"	17	38mm
SL1219B	1/2"	19	38mm



1/2"DR SUPER LOCK DEEP SOCKET

Item Code	Drive	Size	Length
SL1208D	1/2"	8	78mm
SL1210D	1/2"	10	78mm
SL1212D	1/2"	12	78mm
SL1213D	1/2"	13	78mm
SL1214D	1/2"	14	78mm
SL1217D	1/2"	17	78mm
SL1219D	1/2"	19	78mm

*Picture shown are for reference only



1/2"DR IMPACT BOX SOCKET (6PT)



Item Code	Drive	Size	Length
IBS1210	1/2"	10	38mm
IBS1212	1/2"	12	38mm
IBS1213	1/2"	13	38mm
IBS1214	1/2"	14	38mm
IBS1215	1/2"	15	38mm
IBS1216	1/2"	16	38mm
IBS1217	1/2"	17	38mm
IBS1218	1/2"	18	38mm
IBS1219	1/2"	19	38mm
IBS1220	1/2"	20	38mm
IBS1221	1/2"	21	38mm

Item Code	Drive	Size	Length
IBS1222	1/2"	22	38mm
IBS1223	1/2"	23	38mm
IBS1224	1/2"	24	38mm
IBS1225	1/2"	25	40mm
IBS1226	1/2"	26	42mm
IBS1227	1/2"	27	48mm
IBS1228	1/2"	28	48mm
IBS1230	1/2"	30	48mm
IBS1232	1/2"	32	48mm
IBS1234	1/2"	34	48mm
IBS1236	1/2"	36	48mm

1/2"DR IMPACT DEEP SOCKET (6PT)



Item Code	Drive	Size	Length
IDS1210	1/2"	10	78mm
IDS1212	1/2"	12	78mm
IDS1213	1/2"	13	78mm
IDS1214	1/2"	14	78mm
IDS1215	1/2"	15	78mm
IDS1216	1/2"	16	78mm
IDS1217	1/2"	17	78mm
IDS1218	1/2"	18	78mm
IDS1219	1/2"	19	78mm
IDS1220	1/2"	20	78mm
IDS1221	1/2"	21	78mm
IDS1222	1/2"	22	78mm

Item Code	Drive	Size	Length
IDS1223	1/2"	23	78mm
IDS1224	1/2"	24	78mm
IDS1225	1/2"	25	78mm
IDS1226	1/2"	26	78mm
IDS1227	1/2"	27	78mm
IDS1228	1/2"	28	78mm
IDS1230	1/2"	30	78mm
IDS1232	1/2"	32	78mm
IDS1233	1/2"	33	78mm
IDS1234	1/2"	34	78mm
IDS1235	1/2"	35	78mm
IDS1236	1/2"	36	78mm

1/2"DR IMPACT DEEP SOCKET (12PT)



Item Code	Drive	mm	Length
IDS121210	1/2"	10	85mm
IDS121212	1/2"	12	85mm
IDS121214	1/2"	14	85mm
IDS121230	1/2"	30	78mm
IDS121232	1/2"	32	78mm
IDS121233	1/2"	33	78mm
IDS121234	1/2"	34	78mm
IDS121235	1/2"	35	78mm
IDS121236	1/2"	36	78mm

1/2"DR THIN WALL SOCKET



Item	Size	Length
TWS 1217	17mm	77mm
TWS 1219	19mm	77mm
TWS 1221	21mm	77mm



WS1207 7 POINT WHEEL SOCKET

- Application for heptagon wheel lug nut which is seven angle outside the nut.
- 21mm wheel socket nut.
- Drive : 1/2"DR



SOCKET SERIES

3/4" IMPACT DEEP SOCKET



Item Code	Drive	Size	Length
IDS3417	3/4"	17	90
IDS3419	3/4"	19	90
IDS3421	3/4"	21	90
IDS3422	3/4"	22	90
IDS3423	3/4"	23	90
IDS3424	3/4"	24	90
IDS3426	3/4"	26	90
IDS3427	3/4"	27	90
IDS3428	3/4"	28	90
IDS3430	3/4"	30	90

Item Code	Drive	Size	Length
IDS3432	3/4"	32	90
IDS3433	3/4"	33	90
IDS3434	3/4"	34	90
IDS3435	3/4"	35	90
IDS3436	3/4"	36	90
IDS3438	3/4"	38	90
IDS3440	3/4"	40	90
IDS3441	3/4"	41	90
IDS3446	3/4"	46	95
IDS3450	3/4"	50	100

3/4"DR BOX SOCKET



Item Code	Drive	mm	Length
BS3417	3/4"	17	36
BS3419	3/4"	19	36
BS3421	3/4"	21	36
BS3422	3/4"	22	36
BS3423	3/4"	23	36
BS3424	3/4"	24	36
BS3426	3/4"	26	36
BS3427	3/4"	27	36
BS3428	3/4"	28	36
BS3430	3/4"	30	38
BS3432	3/4"	32	38

Item Code	Drive	mm	Length
BS3433	3/4"	33	38
BS3434	3/4"	34	38
BS3435	3/4"	35	42
BS3436	3/4"	36	42
BS3438	3/4"	38	45
BS3440	3/4"	40	45
BS3441	3/4"	41	45
BS3442	3/4"	42	45
BS3446	3/4"	46	48
BS3450	3/4"	50	48

3/4"DR IMPACT BOX SOCKET



Item Code	Drive	Size	Length
IBS3417	3/4"	17	36mm
IBS3418	3/4"	18	36mm
IBS3419	3/4"	19	36mm
IBS3420	3/4"	20	36mm
IBS3421	3/4"	21	36mm
IBS3422	3/4"	22	36mm
IBS3423	3/4"	23	36mm
IBS3424	3/4"	24	36mm
IBS3425	3/4"	25	36mm
IBS3426	3/4"	26	36mm
IBS3427	3/4"	27	36mm
IBS3428	3/4"	28	36mm
IBS3429	3/4"	29	38mm
IBS3430	3/4"	30	38mm
IBS3432	3/4"	32	38mm
IBS3433	3/4"	33	38mm
IBS3434	3/4"	34	38mm
IBS3435	3/4"	35	42mm
IBS3436	3/4"	36	42mm
IBS3438	3/4"	38	45mm
IBS3439	3/4"	39	45mm
IBS3440	3/4"	40	45mm

Item Code	Drive	Size	Length
IBS3441	3/4"	41	45mm
IBS3442	3/4"	42	45mm
IBS3443	3/4"	43	45mm
IBS3444	3/4"	44	46mm
IBS3445	3/4"	45	48mm
IBS3446	3/4"	46	48mm
IBS3448	3/4"	48	48mm
IBS3450	3/4"	50	48mm
IBS3451	3/4"	51	48mm
IBS3452	3/4"	52	48mm
IBS3453	3/4"	53	48mm
IBS3454	3/4"	54	48mm
IBS3455	3/4"	55	48mm
IBS3456	3/4"	56	48mm
IBS3457	3/4"	57	48mm
IBS3458	3/4"	58	48mm
IBS3459	3/4"	59	48mm
IBS3460	3/4"	60	48mm
IBS3463	3/4"	63	48mm
IBS3465	3/4"	65	48mm
IBS3470	3/4"	70	48mm
IBS3480	3/4"	80	48mm

*Picture shown are for reference only



S3472TS

72MM X 3/4\"/>

- This is special socket removes.
- European truck repair tool.
- Size : 72mm



S3480WS

3/4\"/>

- This eight sided 80mm socket is specifically for front wheel nut sockets on SCANIA trucks.
- SCANIA front wheel nut socket.
- **Specifications:**
 - Inner \varnothing : 80mm
 - Outer \varnothing : 100mm



S4180WS

H41 FRONT WHEEL NUT SOCKET (8 POINT)

- This eight sided 80mm socket is specifically for front wheel nut sockets on SCANIA trucks.
- SCANIA front wheel nut socket.
- **Specifications:**
 - Inner \varnothing : 80mm
 - Outer \varnothing : 100mm



S346364TS

TRUCK TRANSMISSION SOCKET (SCANIA)

- This Special socket removes.
- European truck repair tool.
- **Specifications:**
 - Inner \varnothing : 63/64mm
 - Outer \varnothing : 70mm



S12CR

1/2\"/>

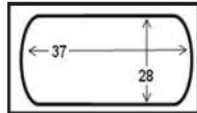
- Allows the engine crank to be manually adjusted.
- Allows pin point accuracy calibration.
- Ideal for adjustments to the engine.
- Application range: Scania after 1996 4th



S1238VSC

SCANIA ELECTROMAGNETIC INJECTION

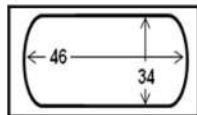
- This tool is designed to tighten and to loosen the electromagnetic injection valve cap.
- Applicable : Scania (340) Trailers.
- Size : 38mm Octagon (8point) Drive 1/2"DR



S012837WS

SCANIA FRONT WHEEL COMPRESSOR SPACER SOCKET

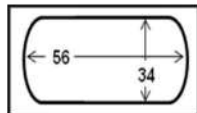
- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size : 1"Dr x 28mm x 37mm



S013446WS

SCANIA COMPRESSOR BACK WHEEL SOCKET

- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size : 1"Dr x 34mm x 46mm



S013456WS

SCANIA COMPRESSOR BACK WHEEL SOCKET

- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size: 1"Dr x 34mm x 56mm meter.



S2020Si

SCANIA TRANSMISSION REAR OIL SEAL INSTALLER

- Designed to install the transmission oil seal easily and without causing damage.
- Applicable : SCANIA transmission flange shafts on transmission and rear axle Part no. 1 502 384 / 1 502 385.

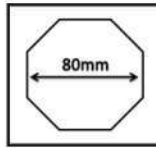


S2030Si

SCANIA CRANKSHAFT REAR OIL SEAL INSTALLER

- Designed to install new oil seal onto crankshaft much easier and safer.
- Put the tool above the oil seal and hit it to force oil seal install in the right place.
- Applicable : SCANIA 310/320
- Oil seal no. : 0366303-R

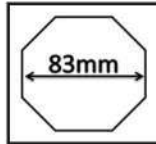
*Picture shown are for reference only



S0180WS

SCANIA FRONT WHEEL NUT SOCKET (80MM)

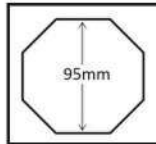
- To Remove the front axles plastic cover with 27mm hexagon socket.
- Size : 1"DR. x 80mm (8Pt)
- Applicable : Scania



S0183WS

SCANIA ROR TRAILER REAR WHEEL NUT SOCKET (8P / 83MM)

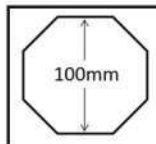
- Remove the rear wheel nut of ROR trailer to change the bearing.
- The robust socket is manufactured from a piece of material.
- It can be used with torque wrench for installing and removing.
- Application : ROR TM Series Trailer rear wheel nut.
- Size : 1"DR x 83mm (8 Point)



S0195WS

SCANIA TRUCK TRACTOR FRONT WHEEL SOCKET (95MM)

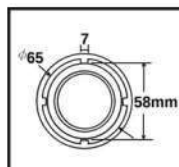
- Applicable : To apply for stripping of SCANIA front wheel truck tractor.
- Size : 1"Dr x 95mm (8Point)



S01100WS

SCANIA REAR WHEEL NUT SOCKET (100MM)

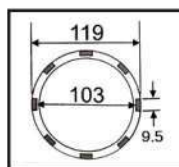
- Special design to fix bearing while removing or installing the truck out.
- Size : 1"Dr x 100mm (8point)



S3458TS

SCANIA 8-SPEED BUS TRANSMISSION NUT SOCKET

- To apply for SCANIA 8 speed transmission nut.
- Size : 3/4"DR x 58mm (4Pt)
- Applicable : SCANIA Bus



S34103WS

SCANIA WHEEL NUT SOCKET (8T/103MM)

- Made from special steel and robust execution to remove the axle nut.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Overall length : 100mm.
- Size : 3/4"DR x 103mm (8T)
- Applicable : Scania 420.



V6030AS

VOLVO REAR WHEEL SHOCK ABSORBER SPRING WASHER REMOVAL SOCKET (3/4"DR)

- Suitable for exact torque.
- Socket profile flat oval
- Extremely versatile.
- For Machinery usage.

Application :

- VOLVO rear axle e.g. FH for removal and installation of leaf spring bolts on the spring.



MM
28.5

T

MM
22

L

MM
60



MM
3/4"



V6029AS

VOLVO FRONT WHEEL SHOCK ABSORBER SPRING WASHER REMOVAL SOCKET (H27)

- With 6 point drive SW27
- Suitable for exact torque.
- With 2 external studs ø 8.7mm
- Extremely versatile.
- For machinery usage.
- Special steel

Application :

VOLVO e.g. FL6/F10/F12



MM
H27

STUD
2

L

MM
31.5



V6031NE

VOLVO HGV SPRING BASE NUT EXTRACTOR / INSTALLER

- For the removal and installation of HGV cab shock absorbers.
- For counter holding the piston rod and simultaneous turning of the screw cap.
- Applicable : VOLVO HGV cab shock absorbers.



V6029IC

VOLVO TRUCK FRONT / REAR BRAKE SHOES LINING INSIDE CALIPER

- For the restoration of the drum brake.
- For opening and fixing the brake shoes retaining spring.
- For the dismantling and assembly of the jaw pins.
- With drive spindle for continuous opening.
- Robust execution.

Application :

- VOLVO drum brake with Z cam (e.g. N7-N10-N12-F7-F12-F16-FL7-FL10-ERF E series-EC series.)

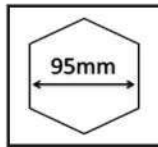


V6002ECA

VOLVO ENGINE CRANSHAFT ALIGNMENT TOOL

- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Applicable : Alternatively for 6 of 12 liter Volvo Engines : D9A, D12, D16C.
- VM number : Volvo 9996956

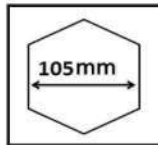
**Picture shown are for reference only*



IBS0195

95MM X 1"DR VOLVO TRUCK AXLE NUT SOCKET

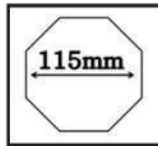
- Special designed to fix bearing while removing or installing the truck nut.
- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Applicable : Volvo FH Rear Axle.
- Size : 95mm x 1"DR (6 Point)



IBS01105

105MM X 1"DR VOLVO TRUCK AXLE NUT SOCKET

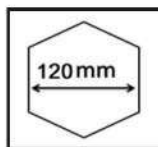
- Special designed to fix bearing while removing or installing the truck nut.
- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Size : 105mm x 1"DR (6Point)



IBS01115

115MM X 1"DR VOLVO WHEEL SHAFT COVER SOCKET (8PT)

- For Volvo front / rear wheel axle cover.
- Size : 115mm x 1"DR (8 Point)



IBS0106120

120MM X 1"DR IMPACT BOX SOCKET

- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Size : 120mm x 1"DR (6Point)



OFW10715

107MM VOLVO TRUCK OIL FILTER WRENCH (15PT)

- Designed for removing and installing the oil filter on VOLVO truck.
- Size : 1/2"DR x 107mm (15 Point)



I1601

ISUZU CRANKSHAFT REAR OIL SEAL INSTALLER (3.5TON)

- This tool is specially designed for preventing the oil seal from damage when installing it.
- Oil seal genuine no. : BZ4962-E, 3-97071561
- Applicable : Isuzu 3.5 tons(4JB1, 4JG2)(130HP/150HP)(4JH1) (4JG1)



I1602

ISUZU CRANKSHAFT FRONT OIL SEAL INSTALLER (3.5TON)

- This tool is specially designed for preventing the oil seal from damage when installing it.
- Oil seal genuine no. : BZ 4961E
- Applicable : ISUZU 3.5 tons



I1603

ISUZU CRANKSHAFT OIL SEAL REPLACER

- The best tool for replacing crankshaft oil seal.
- No damage to oil seal and related parts.
- Applicable : ISUZU truck, Engine Model :4HF1, 4HG1, 6HH1, 6HK1.
- Oil seal genuine no. : Front oil seal BZ4365E Rear oil seal BZ4219E



DS8818

DIESEL INJECTOR TEST & CALIBRATING

- Material : Aluminum Alloy
- 3.5 inch dial gauge reading 0-600 bar also reading 0-8700 lbs/sq. incg.
- The liquid tank is provided with a filter.
- Supplied with M14 x M14 and M14 x M12 pipes.



TRK5202

WHEEL STUB THREAD RESTORER KIT (TRUCK)

- The same function as TRK5201.
- Use with 32mm socket or wrench.
- **Applicable :**
 - * M18x1.5 - DAF, IVECO, MAN, RENAULT, VOLVO
 - * M20x1.5 - MERCEDES, SCANIA.
 - * M22x1.5 - DAF, FORD, MAN, RENAULT, VOLVO, MERCEDES, SCANIA
 - * 7/8" 11 - SCANIA.



H107SW

HINO OIL MIST SEPARATOR WRENCH (107MM)

- HINO oil mist separator wrench (8RIBS. 107mm)
- Using the oil-water separator wrench.
- Looped handle.
- Japanese truck repair tool.
- Application range : HINO truck year 2003-2006 or after year 2010.
- Genuine No: 103251, S23401-11840-A

Specifications :

Inner ø(mm)	Outer ø(mm)	H (mm)	The Thickness
107	116	172	16



H1037

HINO CRANKSHAFT REAR OIL SEAL INSTALLER (J08C)

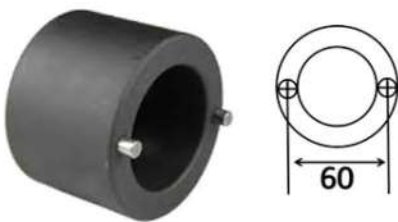
- This tool is designed for prevent oil seal from damaged when installing it.
- Applicable : HINO 15 tons / 17 tons
- Oil seal genuine no. AZ4079-F



H1038

HINO CRANKSHAFT FRONT OIL SEAL INSTALLER

- This tool is designed for preventing the HINO crankshaft front oil seal from damage when installing it.
- Applicable : HINO truck and 35 ton, PROFIA K13C-TE 350P, 700 series E13C 420P
- Oil seal genuine no. : AH3618-M, BZ5376E



H1202OSS

HINO STEERING OIL SEAL SOCKET

- Special 2 pins designed to loosen and tighten the nut when replacing steering mechanism oil seal without damage.
- Size : 1/2"DR x PCD 60mm x Ø 1/4" (2pt).
- Applicable : HINO Truck after 1994, 21 ~35 tons truck.



DS8808

DIESEL INJECTOR SEAT CUTTER SET

- Re-face the diesel injector seat in order for the new or reconditioned injector to be fitted correctly.
- Clean and re-cutting of injector seat.
- Avoid a high risk of 'blow-by' occurring cause of the build up of carbon deposits and the effects of corrosion
- Application for all modern common rail diesel engines.



*Picture shown are for reference only



M3453TS

MAN TRUCK TRANSMISSION SOCKET (53.5MM)

- This Special four pin socket is used on transmission shaft on MAN truck to remove and replace the drive shaft nut inside Diam : 53.5mm
Outside Diam:72mm width of teeth : 5mm drive :3/4"
- Applicable : MAN 410/414



M3404OSS

MAN TRUCK STEERING MACHANSIM OIL SEAL SOCKET

- To replace steering mechanism oil seal by loosen / tighten the nut.
- It might damage the related parts while replacing the oil seal without this tool.
- Size : PCD 58mm x 3/4"DR x 4Point
- Application range : Man tractor FE410A



M121350FW

MAN TRUCK OIL FILTER WRENCH (135MM/18PT)

- Dersigned for removing the installing the oil filter on MAN truck.
- Size : 1/2"DR x 135mm x 18Pt
- Applicable : MAN 18~48 tons truck. Series F2000, FE And TGA engine (406, 410, 414, 440, 460)



M5266

MAN FLYWHEEL ROTATING TOOL

- Designed for accurate rotating of the engine for valve setting of other maintenance and service work.
- Use with 1/2"drive wrench.
- Overall length : 61mm
- Applicable : Man engine D20, D25, D26, D28...



BJS1930

TRUCK BALL JOINT SEPARATOR (30MM)

- Special designed to remove the truck ball joint.
- Jaws Open : 30mm
- Jaws Deep : 60mm
- Applicable : All light trucks Mitsubishi, Delica, Canter, etc....



BJS1932

TRUCK BALL JOINT SEPARATOR (32MM)

- Special designed to remove the truck ball joint.
- Jaw Open : 32mm
- Jaw Deep : 91mm
- Applicable : 3.5T~8.8T Trucks.



BJS1939

TRUCK BALL JOINT SEPARATOR (39MM)

- Special design to remove the truck ball joint.
- Jaws Open : 39mm
- Jaws Deep : 95mm
- Applicable : 4ton trucks SCANIA, BENZ, MAN ,HINO, etc..



T6165

NOZZLE PRESSURE NUT SOCKET

- For removal and replacement of the pressure nut and injector holder.
- Applicable : BENZ Truck, Man Truck, Neoplan, Setra, Iveco, Scania Renault et...



ISDS3428

E28 X 3/4" DR IMPACT START DEEP SOCKET

- To remove / install the bolt of crankshaft main bearing cap.
- Applicable : Scania Ti Engine.
- Size : E28 x L110mm x 3/4" Drive



RT1015

TRUCK RADIATOR PRESSURE TESTER

- Special designed for testing the radiator on the truck.
- Test cooling system for leaks.
- Includes hand pump, test head in a blowmold case.
- Please ensure that the radiator coolant is not before operating.
- Applicable : DEUTZ ENGINE , MERC BENZ, VOLVO, MAN, RENAULT, DAF, IVECO, SCANIA.



KWT270A

TRANSMISSION BEARING PULLER

- Collars fit most standard wheel bearing sizes.
- The three largest sizes fit most late-model 4 wheel drive vehicle.



VSC6991

VALVE SPRING COMPRESSOR

- Made of steel for heavy duty operation.
- Changeable jaws (Straight, and bend), can be fixed stronger on the track.
- Applicable : 12V engine, Diesel engine, and outstanding spring type engine.



VSC6990

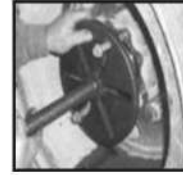
VALVE SPRING COMPRESSOR

- Use to compress valve springs up to 10" long.
- Two way adjustable.
- Quick and easy compress and release.




UAE6006 UNIVERSAL AXLE EXTRACTOR

- Applicable : japanese truck only
EX : HINO, UD Truck 180 Pulley.
- Screw Specification : $\phi 30 \times 6W$
- Specification : $\phi 259 \times 32mm$



INS6033 TRUCK INJECTION NOZZLE SOCKET

- The tool removes and installs diesel injected nozzle.
- The bottom four corners.
- Barreled shape.
- Europe truck repair tool.
- Application Range : Man (422.403), Benz Truck, Scania.

Inner ϕ (mm)	Outer ϕ (mm)	H (mm)	Teeth	 (mm)
22.2	32	84.5	4	24



VSC6035 TRUCK VALVE REMOVER / INSTALLER

- To remove and install the valve of truck.
- Japan truck repair tool.
- Application range : FUSO 3.5 Tons, FUSO over 15tons, HIN 750, ISUZU 180, ISUZU 200
- Special steel
- **Screw Size :-**
 - M16XP2.0*M14Xp1.5*240mm (L)
 - M16XP2.0*M12Xp1.75*240mm (L)
 - M16XP2.0*M10Xp1.5*240mm (L)
 - M16Xp2.0*M10Xp1.25*240mm (L)
 - M16Xp2.0*M8Xp1.25*240mm (L)



BP6181 SPRING PIN BUSH HYDRAULIC REMOVER / INSTALLER SET

- 10Ton Hydraulic truck spring pin metal remover installer TOYOTA/ FUSO/ ISUZU/ SCANIA/ VOLVO.
- The 10ton Hydraulic Cylinder easily pushes the metal Spring bushes from the spring eyes for removal and replacement.
- Applicable : 4, 6 to 14 Isuzu, Fuso, Hino, Toyoyta medium size commercial vehicle spring bushes.



CP102 PNEUMATIC BRAKE LINING RIVET MACHINE

- Suitable for 4,6,8mm rivet.
- For brake lining riveting and replacing.
- Suggestion riveting pressure: 4mm(700psi), 6mm(150psi), 8mm(2200psi).
- Air pump 8P101A is optional.



*Picture shown are for reference only



P311

PUNCH FOR AIR HAMMER 311

- Made of chrome-Molybdenum material.
- Length : 160mm x Ø12mm



P315

PUNCH FOR AIR HAMMER 315

- Made of chrome-Molybdenum material.
- Length : 127mm x Ø15mm



SS3811

3/8"DR SPECIAL 11-TEETH SOCKET FOR TRUCK

- Used on Knorr-Bermse calipers - type SB, SK, SN - typically found on DAF/ FODEN / MAN / MERCEDES / SCANIA / BOVA, PLUS Bpw & SAF Trailers.
- 11 Point x 3/8"DR x 30mm Length.
- Brake caliper socket (Replaces Brake caliper shear/ Break-Away Adaptor on the original caliper).
- Manufactured from chrome vanadium, Manganese phosphate finish.



T05CAS

CALIPER ADJUSTER SOCKET

- Special 5 teeth designed to adjust the brake caliper.
- Overall length : 46mm.
- Use with 36mm wrench.
- Material : SCM440
- Applicable : most of European trucks, Scania, Volvo ... etc.



LNT45150

GERMANY TYPE ADJUSTABLE REAR AXLE NUT TOOLS

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts.
- Special tooth surface angle to clamp hexagon and octagon nut.
- Top : 3/4"DR. , capacity : 45~150mm
- Length of jaw : 100mm.



LNT49135

UNIVERSAL ADJUSTABLE WHEEL BEARING LOCK NUT KIT

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts.
- Includes three sets round & three sets square of pins to suit lock nuts with pin holes.
- Suitable for 6Pt lock nut 1-3/4" to 5-1/4" (49-135mm) across the flats and 8Pt lock nut 1-3/4" to 5-5/8" (49-143mm) across the flats.
- 3set round pin 1/4"(6mm) ,5/16"(8mm), 3/8"(10mm), 3set square pin 1/4"(6mm), 5/16"(8mm), 3/8"(10mm)



OERW1217 OPEN END RING WRENCH

- 17mm x 1/2" Dr (12pt)



OFW1374 60-160MM OIL FILTER WRENCH (CHAIN TYPE)

- Available for all type of oil filter.
- Double-hinge construction for high clamping power.
- Flexible handle for narrow space.
- Size: 60-160mm
- Length of chain : 520mm



TST1315 TIRE SEPARATION TOOL (TRUCK)

- Special angle design to disassemble tubeless tire and rim.
- Total Length : 180mm



OFW3146 110-145MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 110 - 145mm



OFW3148 105-145MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 120 - 150mm (H62mm)



ABJ2550 50/20TON AIR BUS JACK

Capacity	: 50/25T
Air Pressure	: 0.8 - 1.2 MPA
Minimum Height	: 210mm
Lift	: 460mm
Rated Pressure	:
Net Weight	: 60kg

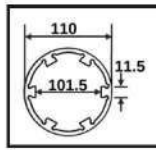


HEAVY DUTY OIL FILTER WRENCH FOR TRUCK

- Wider band for a better grip of filters.
- Stronger anchor plate for removal of excessively tight filters.
- Designed for high torque requirements.
- Not designed to be used with power tools.

Item Code	Range
OFW105125	105-125mm
OFW120140	120-140mm

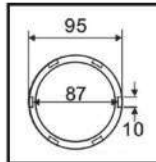
*Picture shown are for reference only



BM1015ANS

BENZ & MAN DRIVE AXLE NUT SOCKET (101.5MM)

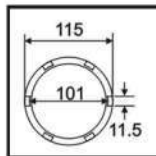
- Special designed with 6 teeth for removing the drive axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 101.5mm (6Pt)
- Applicable : Man , Mercedes Benz truck.



BM3487ANS

BENZ & MAN REAR AXLE NUT SOCKET WITH TUBE (87MM)

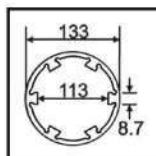
- Special rigid locating tube design for removing the rear axle nut easily.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 87mm (6pt)
- Overall length : 175mm
- Applicable : Mercedes Benz Atego rear axle.



BM34101ANS

BENZ & MAN REAR AXLE NUT SOCKET (101MM)

- Designed groove socket to remove the rear axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 101mm (6pt)
- Overall length : 110mm
- Applicable : Mercedes Benz And Man 10 + 13T Reducation axle, HYPOID and TRAILER axle NR7/4.



BM113DNS

BENZ & MAN DIFFERENTIAL REAR NUT SOCKET (113MM)

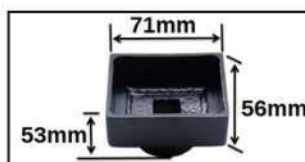
- Special 6 teeth designed to remove the differential rear nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 113mm (6pt)
- Applicable : Man ,Mercedes Benz Truck.

BENZ & MAN CLAMP NUT SOCKET

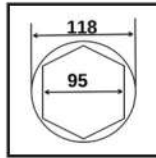
- For professional loosening and tightening the clamp nut on the axle stub.
- Suitable for exact torque with a 3/4" DR.



Item Code	Spec.	Height	Applicable
BM56CNS	72 x 56mm	53mm	DAF, Kassbohrer / Setra, Benz & Man trucks (VL3,4,VD4,VL4) Benz buses (VO3,4)
BM60CNS	76 x 60mm	53mm	DAF, Kassbohrer / Setra, Benz & Man trucks 9tons (VL5, D-9) Benz Actros, Faust 9tons.



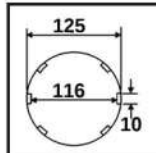
*Picture shown are for reference only



B3695ANS

BENZ AXLE NUT SOCKET (95MM)

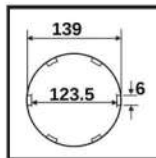
- Made from special steel and robust execution to remove the axle nut.
- Any extensive slipping is avoided.
- Size : Drive SW36 x 95mm (6pt)
- Overall length : 157mm.
- Applicable : Mercedes Benz axle trailers.



B116ANS

BENZ REAR AXLE NUT SOCKET (116MM)

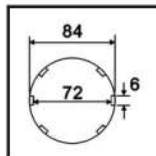
- Special designed for dismantling and assembling the rear axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 116mm (6pt)
- Overall length : 180mm.
- Applicable : Mercedes Benz Actros Rear axle, HL/HK8 (hypoid) etc.



B1235ANS

BENZ REAR AXLE NUT SOCKET (123.5MM)

- Use with 32mm wrench.
- Special designed for dismantling and assembling the rear axle nuts.
- Made from special steel for high tightening and loosening torque.
- Size : 123.5mm (6pt).
- Overall length : 310mm.
- Applicable : Mercedes Benz Citaro.



B72DNS

BENZ DIFFERENTIAL NUT SOCKET (72MM)

- Use with 32mm wrench.
- Special designed for removing and installing the differential nuts.
- Made from special steel for high tightening and loosening torque.
- Size : 72mm (6pt)
- Overall length : 60mm.
- Applicable : Mercedes Benz Citaro, Evo bus.



BM1202CA

BENZ MAN CRANSHAFT ALIGNMENT TOOL (2 GEARS)

- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Overall length : 90mm
- Applicable : Mercedes Benz 6,8,10-cylinder engines, Man 12- cylinder engines ... etc.

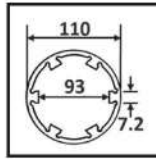


BM1203CA

BENZ MAN CRANSHAFT ALIGNMENT TOOL (3 GEARS)

- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Overall length : 90mm
- Applicable : Mercedes Benz Actors and atego, Man 5,6,8- cylinder engines - D25/28... etc.

**Picture shown are for reference only*



M93ANS

MAN TGA FRONT AXLE NUT SOCKET (93MM)

- Six side drive SW60.
- Special roust execution designed to remove the front axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 93mm (6pt)
- Overall length : 80mm
- Applicable : MAN TGA front axle, V9-82L-01(disk brake/ ABS), etc.



M108BE

MAN TRUCK AXLE BEARING EXTRACTOR

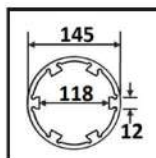
- Designed for replacing Man Truck hub bearings and removing the old bearings essential tool.
- Use with 30mm wrench.
- Overall length : 238mm
- Applicable : MAN truck hub bearing.



M111BE

MAN TRACTOR AXLE BEARING EXTRACTOR

- Designed for replacing MAN tractor hub bearings and removing the old bearings essential tool.
- Use with 30mm wrench.
- Overall length : 238mm
- Applicable : MAN truck tractor 33460/410/414 with front disc brake bearing.



M118ANS

MAN TGA FRONT AXLE NUT SOCKET (118MM)

- Six side drive SW60.
- Special designed for removing and installing the drive axle nuts.
- Made from special steel for high tightening and loosening torque.
- Overall length : 160mm.
- Size : 3/4"DR x 118mm (6Pt)
- Applicable : Man TGA A460 drive axle, V9-83L-01 (disk brake / ABS)etc.



M166HR

MAN FRONT WHEEL HUB REMOVER (166MM)

- Use the tool with air wrench for labor saver and easier removal when MAN axle bearing is stuck due to overheating.
- Extremely robust execution.
- Disc size : 87 x 166 x 118mm.
- Applicable : Man new type truck.



T120827SS

TRUCK POSITION SENSOR SOCKET

- Designed for removing and replacing truck position sensor.
- Size : 1/2"DR x 27mm (8pt)
- Overall length : 60mm
- Applicable : Mercedes Benz commercial vehicles SK series, ACTROS, MAN commercial vehicles, SCANIA, ZF16 Speed gear box.



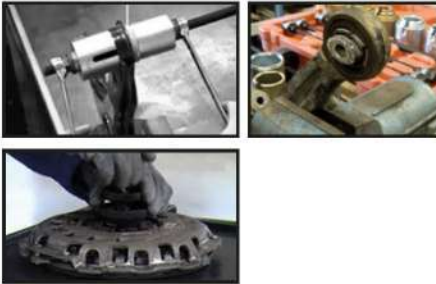
UNDERCAR SERIES

BR6000

UNIVERSAL BUSH REMOVER & INSTALLER KIT SET



- Easy work to remove and install for :
 - Bearing Bush
 - Silent Bearing
 - Hydraulic Bearing
 - Rubber Bearing
- Toyota, Honda, Rover, BMW, VW, Audi, Benz as well as the balance of domestic, asian, and european vehicles can use this tool. Many jobs will be done on the car versatile money manking tool.
- This is one of the most versatile bearing/bushing remove and install sets on the market today .This set covers from 20m up to 72m in diameter bushings, bearings, rubber mounts and "silent" bearings. This is a manual kit that includes forcing screws.



4 PCS SPINDLE:

M10 X P1.5 ; M12 X P1.75

M14 X P2.0 ; M16 X P2.0

2 PCS STEP DISC (EACH ONE HAS 2 SIDES)

11 PCS SLEEVE A (GOLD)	
D44 X d34	D68 X d58
D46 X d36	D70 X d60
D54 X d44	D78 X d68
D56 X d46	D80 X d70
D58 X d48	D82 X d72
D66 X d56	

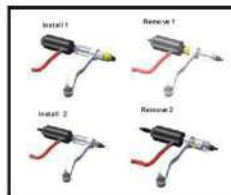
9 PC - SLEEVE B (SILVER)	
D48 X d38	D72 X d62
D50 X d40	D74 X d64
D52 X d42	D76 X d66
D60 X d50	
D62 X d52	
D64 X d54	

HBE6101

HYDRAULIC BUSH EXTRACTOR / INSTALLER



- 1PC 18.2T Hydraulic Cylinder
- 4PC 450MM Puller spindle M10, M12, M14, M16 with nut.
- 22PC 110MM Long press tube.
FROM: OUTER Φ 26MM, INNER Φ 18MM.
TO: OUTER Φ 68MM, INNER Φ 60MM.
- 22PC 40MM Short press tube
FROM: OUTER Φ 26MM, INNER Φ 18MM.
TO: OUTER Φ 68MM, INNER Φ 60MM.
- 1PC Blow case with roller.

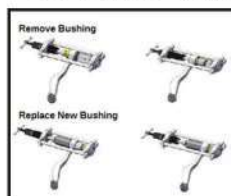


HBE6104

HYDRAULIC BUSH EXTRACTOR / INSTALLER



- 1PC 10T Hydraulic spindle
- 1PC Press frame
- 4PC 140MM Line guide M10, M12, M14, M16.
- 4PC 275MM Puller spindle M10, M12, M14, M16 with nut.
- 22PC 110MM Long press tube
FROM: OUTER Φ 26MM, INNER Φ 18MM.
TO: OUTER Φ 68MM, INNER Φ 60MM.
- 22PC 40MM Short press tube
FROM: OUTER Φ 26MM, INNER Φ 18MM.
TO: OUTER Φ 68MM, INNER Φ 60MM.
- 1PC Blow case with roller.



*Picture shown are for reference only



SH6202

HUB SLIDE HAMMER PULLER

- Pulls flange-type rear axles on most late model passenger cars & light trucks.
- Designed to fit axles with bolts & studs up to 9/16" dia.



SH6204

HUB SLIDE HAMMER PULLER

- 1bolts of the front hub easily with the 10 lb slide hammer.
- Heavy duty tool for rugged jobs.



AP6211

INNER CV TYPE AXLE PULLER

- Fork type tool pulls CV joints with hidde retaining rings & joints on 1986-current taurus / Sable.
- With this tool the axle assembly is popped out of trans axle without damage to transmission case or inside roller bearing.
- Open Rate : 48mm



AP6213

- Simply secure shaft through opening in the adaptor to remove the half shaft from CV joints on most forward vehicle.



AP6203

FRONT WHEEL DRIVE AXLE PULLER

- Use the extension and adjustable wire to clip the axle tightly.
- Pull out with the slide hammer easily.



SHS6901

UNIVERSAL AXLES SLIDE HAMMER SET

- Increase the coverage with the two axle puller.
- Include - Jaw puller and many types of joints.
- Slide hammer design for removing hub and repairing dent, etc.



30mm x 50mm

BS6050

BEARING SEPARATOR (2")

- Made by SCM (CR-MO) material
- Capacity 1-1/4" - 2-1/4" (30mm x 50mm)
- Bolt (Ø9.5mm x L 125mm x 3/8" x 24 UNF)
- Boby thread 3/8" x 16 UNC



50mm x 75mm

BS6075

BEARING SEPARATOR (3")

- Made by SCM (CR-MO) material
- Capacity 2-1/4" - 3-1/2" (50mm x 75mm)
- Bolt (Ø9.5mm x L 125mm x 3/8" x 20 UNF)
- Boby thread 3/8" x 16 UNC



75mm x 105mm

BS6100

BEARING SEPARATOR (4")

- Made by SCM (CR-MO) material
- Capacity 3" - 4-1/2" (75mm x 105mm)
- Bolt (Ø 16mm x L 165mm x 5/8" x 18 UNF)
- Boby thread 1/2" x 13 UNC



100mm x 150mm

BS6150

BEARING SEPARATOR (6")

- Made by SCM (CR-MO) material
- Capacity 5" - 6" (100mm x 150mm)
- Bolt (Ø 19mm x L 260mm x 3/4" x 16 UNF)
- Boby thread 5/8" x 11 UNC



150mm x 200mm

BS6200

BEARING SEPARATOR (8")

- Made by SCM (CR-MO) material
- Capacity 6" - 8" (150mm x 200mm)
- Bolt (Ø 25mm x L 350mm x 1" x 12 UNF)
- Boby thread 3/4" x 10 UNC



BSS6706

BEARING SEPARATOR SET

- 1pcs 1-1/4" - 2" (30mm - 50mm)
- 1pcs 2" - 3" (50mm - 75mm)
- 2pcs Bolt : 3/8" x L120mm x 24T
- 2pcs Bolt : 1/2" x L135mm x 20T
- 4pcs Main rod
- Hex Bar 17mm x 3/8" x L 127mm x 16T
- 4pcs Extension Rod
- Hex Bar 14mm x 3/8" x L102mm x 16T
- 1pcs Beam
- 1pcs Center Bolt
- 1pcs 9/16" x L175mm x 10T
- Pull out the bearing with the H-type beam and bolts.



BSS6708

BEARING SEPARATOR SET

- 1pcs Beam
- 1pcs Center Bolt (18.65mm x L11.5" x 10T)
- 1pcs Nut (Carbon steel)
- 2pcs Extension Rod (8" x 1.75P Carbon Steel)
- 2pcs Main Rod (5" x 1.75P Carbon Steel)
- Set Bearing Separator & Bolts Capacity 75-105mm (Bolt 5/8" x 18t 415 Hardened 42^o - 45^o)



SWRS6699

STEERING WHEEL REMOVAR SET / LOCK PLATE COMPRESSOR SET

- Removing steering wheels of most vehicle with or without telescoping it.
- Steering columns is easy with this new set.
- The steering wheel lock plate compressor is also included, to compress the steering wheel lock plate to remove or install the snap ring.



SWPS6650

STEERING WHEEL PULLER SET

- One flange type puller for removal of parts with 2 or 3 tapped holes including harmonic balancers & timing gears.
- Another special puller for steering wheels, pulleys & flywheels.



BRS6009

INTERNAL BEARING REMOVER SET

- 2 function bearing remover for puller and slide hammer.
- Contents : 1pcs Taipipe expanders (62mm)
1pcs Slide hammer
5pcs Puller : 8-11mm, 12-17mm, 18-23mm, 24-29mm, 30-34mm
3pcs extension threads
- Applicable : Bearing I.D : 8-34mm



ITRT6639

MULTI-PURPOSE INNER TIE ROD TOOL

- The master tie rod tools easily replaces inner tie rod ends without removing the rack & pinion.



ITRT6602

INNER TIE ROD TOOL

- The master tie rod tools easily replace inner tie rod ends without removing the rack & pinion.
- Capacity : 33-42mm



ITRT6612

12PCS INNER TIE ROD TOOL SET

- Works on the inner tie rod with inaccessible wrench flats.
- Many inner tie rod end sockets do not have a complete hex on the full length of the socket.
- The rounded socket ends prevents access to the wrench flats.
- Twelve crows feet.



ITRT6655

HEAVY DUTY WRACK WRENCH

- Suits multiple rack ends and sizes(Hex drive, Round with two drive flats, Round with no drive flats).
- Use on vehicles with limited access to avoid need to remove rack assembly.
- New larger size provides coverage for domestic and import light TRUCK and SUV.
- Fixed position rings provide added strength.
- Patented cam design increases force as load is applied.
- Universal design suits rack end diameters from 25mm to 55mm.
- 1/2" Square drive.
- This high quality wrack wrench will help you ensure your car's performance.



CAT6006

CLUTCH ALIGNMENT TOOLS

- Special design aligns and assembles clutch on the workbench for easy installation.
- Suit for front wheel drives that have no pilot bearing in flywheel.
- Designs for most vehicle up to 5 tons with single plate clutches.



CAT6008

8PCS CLUTCH ALIGNMENT TOOL

- Align single disc clutches on most vehicle, light truck & tractors.
- Properly aligns clutch plate by tapered cone fitting into pilot bushing or bearing.
- Size : 8 collects ranging from 0.465"(11mm) - 0.980" (24.9mm)



CWK9090

18PCS CALIPER WIND BACK KIT

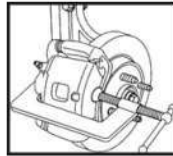
- Universal pressure and wind back kit tool for pressuring back of caliper piston in floating both equipped with hand brake mechanism of without.
- Applicable : Audi, Citroen, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel/Vauxhai, Peugeot, Renault, Seat, Subaru, Toyota, VW.
- For more detail, refer appendix.



CWK9098

21PCS CALIPER WIND BACK KIT

- Kit rotates piston back into caliper for fitting of new brake shoes and pads.
- Includes Left And Right handed thrust bolt Assemblies.
- For most domestic and import Vehicle. Including European And Japanese Models.
- Suitable For MERCEDES, BMW, VW, AGM, AUDI, FORD, HONDA, SUBARU, MAZDA, NISSAN, MITSUBISHI, TOYOTA, ROVER AND 4 WHEEL DRIVE.



DBPS6898

DISC BRAKE PISTON SEPARATOR

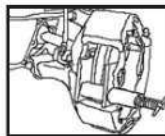
- For fully floating caliper with single or double piston or for fixed caliper with two pistons.
- this tool allows quick and clean pressing back of caliper pistons into caliper housing without damage to seal or caliper piston.



DBPS 6899

DISC BRAKE PISTON SEPARATOR

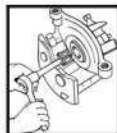
- An universal tool for pressing caliper pistons back into caliper housings with special broadened steel board.
- Due to the construction of this tool which incorporates high-precision hardened cylinder and piston, together with a built-in axial bearing, the highest precision allows easily function to press-back the pistons into the caliper.
- Applicable : BENZ (four pistons), BMW, VM, TOYOTA, FORD and TOYOTA, FORD & most of cars and light trucks.



DBPT6017

DISC BRAKE PISTON TOOL

- Must for retaining most rear disc brakes.
- Rotates piston back into brake caliper when replacing pads.
- Unique " cube" design probes five drive pin configuration to fit most application.
- Use with 3/8"dr wrench.



**Picture shown are for reference only*



UNDERCAR SERIES

22mm



BJS1955 22MM BALL JOINT SEPARATOR

- Special design 2-stage operating suits most cars and light trucks ball joints in steering & suspension.
- Offset lever permits maximum jaw opening in 30mm & 56mm.
- Jaw open : 22mm

19mm



BJS1954 19MM BALL JOINT SEPARATOR

- Heat treated drop forged steel body & bolt for long rough usage.
- Spred ball joints easily where space prevents use of direct action method.
- Jaw open : 19mm



23mm

28mm



Ball Joint Separator

Item Code	Jaw open	Jaw Deep	Applicable
BJS6657	23mm	25mm	Audi, BMW, Citroen, Ford, Mercedes, Opel Peugeot, Renault, Rover, Saab, Volvo, VW, Japanische, PKW, Etc...
BJS6658	28mm	25mm	Audi A4,A6, A8, VW, Passat ab'97, etc...

18mm



BJS1916 16" BALL JOINT SEPARATOR

- Tempered drop forged steel one piece construction for long & rough usage.
- 21/32" (18mm) fork, 16" (410mm) length replaces worn out tie rods easily with a hammer striking.
- Also can separate shock absorber links.

24mm



BJS1912 12" BALL JOINT SEPARATOR

- Tempered drop forged steel one piece construction for long & rough usage.
- 15/16" (24mm) fork, 12" (300mm) length replaces worn out tie rods easily with a hammer striking.
- Also can remove CV drive shafts on FWD vehicle.



BJSK05 5PCS BALL JOINT SEPARATOR KIT

- Three forged steel forks
- Interchangeable shafts for use with ball pein hammer or air hammer.
- Suitable for most cars and light commercials.
- Include:
 - * 1pcs 1-1/16" tie rod remover.
 - * 1pcs 15/16" Ball Joint Spreader
 - * 1pcs 1-1/8" Pitman arm wedge
 - * 1pcs striking handle
 - * 1pcs Air hammer adaptor

*Picture shown are for reference only



CSC6324

300MM COIL SPRING COMPRESSOR

- Drop forged CR-V steel jaws & leaded screws both heat treated ensure you obtain professional job performance.
- The tool is designed for use in limited space under wheel arch.
- Jaws design is fitting to wrap coil claws for safety.



CSC6336

HEAVY DUTY COIL SPRING COMPRESSOR

- Hook engage spring which can be compressed by turning hex nut.
- Jaw capacity : 23mm - 280mm
- Length : 280mm



CSC1941

6PCS PROFESSIONAL SPRING COMPRESSOR

- Spring compressor are multi-application tools specifically.
- Developed for modern macpherson suspensions, using a range of 3 set of interchangeable forks.



VPT6245

VACUUM PUMP BRAKE BLEEDING KIT SET

- Attach many kinds of joint to fit most kinds of vehicles.
- The body has the switch to control two kinds of pressure conditions.
- Test vacuum pressure on a range of vacuum operated vehicle systems during operation.
- Carrying out a brake bleeding procedure on a vehicle without any assistance.
- Transfer small quantities of fluid to ensure correct automotive hydraulic system fluid levels.



**Picture shown are for reference only*



MS6101

MECHANIC STETHOSCOPE

- Provides a fast and easy way to locate noises in engines or bearing and other moving parts.
- Aluminium alloy probe/needle for finding the exact location of specific noises.
- Instrument is shockproof.
- Ideal for pinpointing unusual vibration or suspected leaks (valves, piston ring, gaskets, etc...)



ES6600

COMBINATION ELECTRONIC STETHOSCOPE KIT

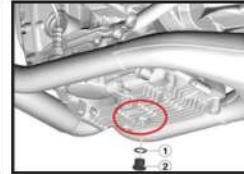
- Engine Stethoscope
- Use to locate & identify engine noise.
- Super sensitive microphone pick-up.
- Flexible non-conductive shaft.
- Cushioned headphones.
- Component stethoscope.
- Detect & isolate noisy components.
- Enables road test diagnosis.
- 6 channel sensor selector unit.
- 6 pick up sensors - 4.8m long cords.



OIL DRAIN REPAIR KIT

- Disassemble the damaged oil drain screw.
- Choose a tap. For example, if the original diameter of oil drain is M14, then operator needs a M15 tap.
- Use a tool operating the tap to enlarge the diameter of oil drain hole.
- Take a washer through the new oil drain plug, and then insert a new oil drain plug.

Item Code	Size
ODRK13125	M13*1.25P
ODRK1315	M13*1.5P
ODRK1515	M15*1.5P
ODRK1715	M17*1.5P
ODRK2015	M20*1.5P



OIL DRAIN SCREW

Item Code	Size
ODS1315	M13*1.5P
ODS1515	M15*1.5P
ODS1715	M17*1.5P
ODS2015	M20*1.5P



WH505S

STAINLESS STEEL BRAKE BLEEDER

- Air operator pressure brake bleeder.
- Suitable for clutch bleed as well as brake bleed.
- 5L Capacity tank.
- Stainless steel body.
- Complete with WH50CA master cylinder adaptor kit

Model	WH50S
Dimension	350x275x450mm
Capacity	5L
Weight	10Kg



*Picture shown are for reference only



WBT699

FWD FRONT WHEEL BEARING TOOL

- A great tool used to replace front wheel bearing without removing the steering knuckle & strut assembly.
- As the spindle assembly isn't removed there is no need to align front end after the job is done.
- Fit on most cars.
- Applicable with hydraulic press.



• Removing



• Installing



BSDS1550

CUSTOM BUILT BUSH / BEARING SEAL DRIVER SET

Description

- Master set for your bushing driver
- Select the required sizes and assemble your driver tool
- Disc connected with a 12mm shaft and screw which connects to the 180mm handle.
- Ideal for removing seal, brush or bearing hob
- Master deluxe custom brush, bearing and seal driver allow you to build your own custom bushing driver so you always have the right size for the job.
- The disc go from 18mm (25/32) all the way to 65mm (2-9/6") in 1mm increments plus 2-29/32" 74mm
- All disc are connected with a 12mm shaft and screw which quickly connects to a 180mm 7 1/2" handle
- All 50 pieces are interchangeable with each other so you get 2450 different size variation in one set so you will do the job quickly.
- Professionally and promptly.
- Can remove or install bushings that are flush with the housing
- All you do is select the required sizes and assemble your custom driver. Select the components or sizes - Assemble the driver tool. Strike the tool and do the job. All discs are fully interchangeable with the jumbo seal kit.

CAT1027

ALIGNMENT TOOL

- With two spacers to adjust the angle.
- Applicable : Mercedes, Mitsubishi, Honda.



CAT1007

CAR CAMBER ALIGNMENT TOOL

- With 4pcs alignment plates.
- Hydraulic function.
- Suit for most car.



*Picture shown are for reference only



BT6433

C.V JOINT BANDING TOOL (With Cutter)

- This tool can be easily removed by sliding sideways after winding has been complete.
- Operated by hand or 1/2" wrench.



BT6436

BANDING TOOLS

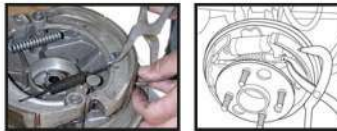
- Installs low-profile clamps used to hold CV boots on most FWD vehicle.
- Ratcheting action & built-in cutter to tighten the clamp quickly and properly.



BSP6712

BRAKE SPRING PLIERS

- Tool easily remover and installes shoe return springs on most drum brakes.
- Socket end remover spring from anchor stud and notched end springs on anchor.
- Tool is chrome plated to resist rust and provide easy clear up.



BCP6303

CV BOOT CLAMP PLIERS

- For ear type clamp.
- Fits CV Joint boots.
- Also installs perma-Quick type clamps quickly and easily.
- Use for filter, cooling system and vacuum lines.



BCP6304

CV BOOT CLAMP PLIERS

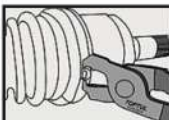
- For all ear-type clamps.
- Application : For AUDI, BMW, CHRYSLER, FORD, GM, HONDA, MAZDA, MERCEDES, NISSAN, OPEL / VAUXHALL, VW, etc.
- Designed to use with a 1/2" extension handle or torque wrench.



BCP6618

CV BOOT CLAMP PLIERS

- For earless-type clamps.
- A sturdy. Low-cost tool. Works on earless-type clamp including those found on CV joints.





UNDERCAR SERIES



TRR6004 OUTER TIE ROD REMOVER

- Two Adjustable jaws special designed for removing most model of outler tie rod.
- Material SCM420 Hardened 42°.
- Handles up to 5tons of knuckle twisting force.
- Jaw reach is 3" with a spread of 3" .
- Jaw, once tightened, won't slip on the knuckle.
- Can be used to separate lower ball joints on import FWD vehicle.



GP3090 2JAW GEAR PULLER

- Special design for moving the bearing in narrow space.
- Working depth: 93mm
- Jaws thickness: 1.5mm
- Applicable bearing dimension: 30-90mm



PBP6238 PILOT BEARING PULLER (3 JAWS)

- Ideal For
 - Automotive flywheel
 - Bicycle wheel
 - Pump bearing
 - Generator bearing
 - Machine bearing etc.
- Capacity
 - Inside diameter 12mm - 38mm (1/2" - 1-1/2")



ARMATURE BEARING PULLER

Item Code	Range
AB1	19mm - 35mm
AB2	24mm - 55mm



GEAR PULLER (2 & 3 JAW)

Item Code	Size	Range
GP0304	4"	50mm - 102mm
GP0306	6"	60mm - 152mm
GP0308	8"	80mm - 203mm
GP0310	10"	100mm - 254mm
GP0312	12"	120mm - 305mm
GP0316	16"	150mm - 400mm



GEAR PULLER (KWT)

- The jaws on this gear puller can be changed to operate with 2 or 3 jaws with internal or external pulling action.
- Simply unscrew the knurled screw cap to release spring and jaw cover unhook the jaws and replace as necessary.
- Replace cover plate and tighten spring with knurled screw.
- Keep clean and well oiled between uses.
- Always use eye protection when using this gear puller.

ITEM NO.	SIZE	Range(mm)	Type
GP423	4"	76-102	2&*3 Jaws
GP723	7"	76-178	2&*3 Jaws



UP6363 3JAW WHEEL BEARING PULLER

- Special designed 3 jaws to hold the internal wheel bearing and pull out by the central bolt.
- Applicable for all vehicles, especially for the wheel axle just next to the brake sensor of other parts.
- Jaw capacity : 40 ~130mm
- Max. thin jaws : 1mm

*Picture shown are for reference only



UNDERCAR SERIES

27mm



PAP6629

PITMAN ARM PULLER (27MM)

- Heavy Duty forged alloy steel yoke.
- Heated treated center screw.
- Remove tie rod ends and pitman assemblies from many light trucks.
- Opening Size : 27mm
- Pull travel : 45mm

33mm



PAP6652

PITMAN ARM PULLER (33MM)

- Heavy Duty forged alloy steel yoke.
- Heated treated center screw.
- Remove tie rod ends and pitman assemblies from many light trucks.
- Opening Size : 33mm
- Pull travel : 64mm



HP6077

EXPPELLER BELL FOR HUB EXTRACTOR (5 HOLES)

- Expeller for the hub extraction with mechanical spindle includes 4 or 5 conical washers.
- P.C.D range Ø 96-126mm
4H: HONDA. ACCORD, TOYOTA, MITSUBISHI, most of Japanese vehicle.
5H: BENZ and BMW, most of European vehicle.
- Material of Main Body : SCM 440
- Hardness : HRC 35-40



HP6088

UNIVERSAL HUB PULLER AUTO TOOL KIT

- Removes wheel hubs mounted on tapered axles and press fit rear drum brakes.
- Three adjustable legs can be extended to an 7-1/2" (190.2mm) diameter bolt circle.
- Constructed of heat - treated forged alloy steel and fine- threaded 30mm hex drive center bolt.
- Special designed to use on most models of car.



HHP6911

UNIVERSAL HYDRAULIC HUB PULLER

- 5 Leg Puller with slide through center bolt forcing screw for impact action plus a 10 ton hydraulic ram with extension pieces.
- This rugged H/D puller will remove wheel hubs mounted on tapered axles and press fit rear brake drums.
- The legs can be adjusted to an 8" (200mm) Diameter bolt circle.
- Made from alloy steel, drop forged, this tool can handle the toughest of jobs.
- Supplied with striking head wrench.



*Picture shown are for reference only



FET1622

FENDER EXTENDING TOOL

- Professional-grade fender former tool helps you easily increase the clearance between your tire and the fender; roll the fenders, or repair wheel-arch collision damage.
- Fender former eliminates tire rub by increasing tire-to-fender clearance.
- Adjustable fender-rolling roller gradually rolls the inner lip flat.
- Perfect for lowered vehicle and vehicle with larger wheels.
- Adjustable-height arm lets you work on wide range of automotive and light truck applications.



HBS6868

HUB BEARING SEPARATOR

- Turn the body of the hydraulic ram and confirm the ram tip touch the sent pop tightly.
- Screw the t-bar forward, then the ram piston will come out and the article will be retracted out for a distance (the maximum stroke length of the ram piston is round 10mm)
- In case of the article can't be taken off by once stroke length, unscrew the T-Bar backward to proper distance, then repeat step 1. step 2. until the article is taken off.



BSS6998

10PCS BEARING RACE & SEAL DRIVER SET

- Helps reduce damage to both race & axle housing.
- Collars fit most standard wheel bearing size.
- Set contains 9 Sizes : 1.565", 1.750", 1.956", 2.325", 2.555", 2.470", 2.830", 2.995", 3.180"



BSS6916

16PCS BEARING RACE & SEAL DRIVER SET

- This 16pcs Bearing Race and Seal driver set allows you to easily replace bearing races without damaging race or axle housings.
- The Bearing Race and seal driver set is constructed from aluminium for strength and durability and the set includes collars to most wheel bearing sizes.
- Contents :
 - 13 adaptors : 10, 12, 14, 15, 16, 18, 19, 20, 22, 25, 26, 28 & 30mm
 - 3 Driver Handles : 115, 140 & 160mm



OSSS6259

14PCS OIL SCREW SOCKET SET

- Sizes - Triangular : 10mm(Δ XT10), Square : 10mm Internal Square : 7, 8, 11, 13mm & 3/8", 5/16"
- Hex : 8, 9, 10, 12, 14 & 17mm
- For oil drain plugs of axel, oil drain, differential, gear box, etc. on BMW, CITROEN, FIAT, FORD, HONDA, LANCIA, MAZDA, MERCEDES, NISSAN, OPEL, PEUGEOT, RENAULT, SAAB, TOYOTA, VOLKSWAGEN.

*Picture shown are for reference only



P311

PUNCH FOR AIR HAMMER 311

- Made of chrome-Molybdenum material.
- Length :160mm x Ø12mm



P315

PUNCH FOR AIR HAMMER 315

- Made of chrome-Molybdenum material.
- Length :120mm x Ø15mm



ET12

DRIVE SHAFT BOOT EXTENDING TOOL

- Use with ET18
- Fit most kinds of propeller shaft.



ET18

DRIVE SHAFT BOOT EXTENDING TOOL

- Special U design to press the boot to end of ET12 easily.
- Made by round bar to protect the boot without damage.
- Fit most kinds of propeller shaft.



CVB125

AIR CV BOOT INSTALLATION TOOLS

- Innovative tool saves time, money and frustration. Installs flexible steering and CVJ boots without removing axle from the vehicle or the CV joint from the axle. No effort and no mess!
- Material : Aluminum steel
- Capacity : φ20~110 mm
- Air pressure : Max 9Bar (125psi)



**Picture shown are for reference only*



TG363 TIRE CONSUMPTION GAUGE

- Determine the average tire residual energy between both positions which is unconsumed part and also is a right barometer for safe driving.
- To brake below tire thread 1.6mm / will bring inferior effect.
- Offers measurement of tire thread from 1~30mm.
- For automobile, below 1.6mm thread depth is recommended for change.
- For truck, below 2.4mm thread depth is recommended for change.



TVA02W 2WAY TYRE VALVE ADJUSTMENT

- Steel shaft with corrosion-resistant plating.
- One big mouth and a small mouth, Big mouth is large vehicles (such as trucks) valve core wrench.
- It can be used to adjust the tire air mouth.
- Use for cars, trucks, bikes and motorcycles.
- For quick removal or installation of tyre valve inserts.
- Length : 12cm



BS6900 BRAKE SPOON

- Designed to adjust brakes on most cars and light trucks.
- Universal angle design for most cars.



SH6038 BRAKE SPRING HOOK

- This tool made from heat treated-alloy steel is specially designed for removing and installing hard to reach headlight adjusting springs.



WLT6897 WISHBONE LEVER TOOL

- To push down the wishbone and other suspension parts, e.g. during the diassembly of the drive shaft, during replace the gaiser or exchange of the wheel bearing.
- After loosening the ball joint the wishbone must in most cases be pushed down against the bush or stabilizer tension, in order to pull the joint from the support.
- Length : 1225mm





TCSC6333

AUTOMATIC TRANSMISSION CLUTCH SPRING COMPRESSOR

- For removing and installing the transmission rear clutch piston snap ring.
- Adjustable, for most models of American car and light trucks.



TCSC6330

CLUTCH SPRING COMPRESSOR

- For removing and installing the transmission rear clutch piston snap ring ... adjustable, for most models of American cars and light truck.



IBS121020

HONDA TRAILING ARM NUT SOCKET

- For removal and replacement of the retaining screw on rear trailing arms.
- Applicable : HONDA CR-V
- Length : 38mm



CG1908

FIXED MAGNETIC CAMBER GAUGE

- Accurate camber measuring tool for use after repair or replacement of struts, wheel assemblies, etc.
- Vials housed in a durable non-magnetic casing with a magnetic head that attached firmly to rotors or spindles.
- Range: 5° positive to 5° negative in 1/2 increments.



DSP6930

CV JOINT ASSEMBLY REMOVAL TOOL

- Quickly removes the CV joint from the drive shaft without damaging the joint, and keeps hands free for releasing retaining circlip.
- Reduces risk of damage to transmission.
- Saves on labour time and suitable for most vehicles.
- Model : VS710



*Picture shown are for reference only



WRENCH SERIES



SCRS09

9PCS STUBBY COMBINATION WRENCH SET

- Size : 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, & 19mm



FSS5819

6PCS DOUBLE FLEXIBLE SOCKET SET

- Double and wrench maximise torque transfer to fixing.
- Chrome vanadium steel socket wrench and with half mirror polished.
- Flexible socket wrench : 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, & 18mmx19mm



DRS8248

8PCS 8-24MM OFFSET RING WRENCH SET (45 DEGREE)

- Chrome-Vanadium Steel Plated.
- 45° Offset Wrench : 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 21x23mm & 22x24mm



CRS62414

14PCS 6-24MM COMBINATION WRENCH SET (15 DEGREE)

- Chrome-vanadium steel and special heat treatment permit thin walls for strength.
- 15° Combination Wrench : 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, 22mm & 24mm



CRS83214

14PCS 8-32MM COMBINATION WRENCH SET (15 DEGREE)

- Chrome-vanadium steel and special heat treatment permit thin walls for strength.
- 15° Combination Wrench : 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm & 32mm



CRS82414MB

14PCS 8-24MM COMBINATION WRENCH SET (15 DEGREE)

- Chrome-vanadium steel and special heat treatment permit thin walls for strength.
- 15° Combinayion Wrench : 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 22mm, 23mm & 24mm
- Metal Case

*Picture shown are for reference only



WRENCH SERIES



GWS7208 **8PCS GEAR WRENCH SET**

- 72tooth ratcheting system provides high torque.
- chrome-vanadium steel.
- Size : 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm & 19mm



GWS7211 **11PCS GEAR WRENCH SET**

- 72tooth ratcheting system provides high torque.
- chrome-vanadium steel.
- Size : 8mm, 9mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm & 19mm



GWS081406 **6PCS GEAR WRENCH SET**

- 72tooth ratcheting system provides high torque.
- chrome-vanadium steel.
- Size : 8mm, 10mm, 11mm, 12mm, 13mm, 14mm



GWS7208MB **8PCS GEAR WRENCH SET (METAL BOX)**

- 72tooth ratcheting system provides high torque.
- chrome-vanadium steel.
- Size : 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm & 19mm



GWS7212MB **12PCS GEAR WRENCH SET (METAL BOX)**

- 72tooth ratcheting system provides high torque.
- chrome-vanadium steel.
- Size : 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm & 19mm

**Picture shown are for reference only*



WRENCH SERIES



FTKS1505 5PCS FLEXIBLE TORX WRENCH SET

- Double end wrench maximise torque transfer to fixing.
- Chrome vanadium steel trox wrench with satin chrome finish.
- Flexible Torx Wrench : T15xT20, T25xT27, T30xT40, T45xT50 & T55xT60



FETS1505 5PCS DOUBLE FLEXIBLE EXTERNAL TORX WRENCH SET

- Double end wrench maximise torque transfer to fixing.
- Chrome vanadium steel trox wrench with satin chrome finish.
- Flexible External Torx Wrench : E6xE8, E10xE12, E14xE16, E18xE20 & E22xE24



FHKS1505 5PCS FLEXIBLE HEX WRENCH SET

- Double end wrench maximise torque transfer to fixing.
- Chrome vanadium steel trox wrench with satin chrome finish.
- Flexible Hex Wrench : H2xH2.5, H3xH4, H5xH6, H8xH10 & H12xH14



FGWS7206 6PCS FLEXIBLE GEAR WRENCH SET

- 72tooth gear design 5 deegree adjust angle.
- flexible design for best operting angle.
- Size : 8mm, 10mm, 11mm, 12mm, 13mm & 14mm,



FGWS7208 8PCS FLEXIBLE GEAR WRENCH SET

- 72tooth gear design 5 deegree adjust angle.
- flexible design for best operting angle.
- Size : 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm & 19mm



FGWS7211 11PCS FLEXIBLE GEAR WRENCH SET

- 72tooth gear design 5 deegree adjust angle.
- flexible design for best operting angle.
- Size : 8mm, 9mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm & 19mm



FGWS7212 12PCS FLEXIBLE GEAR WRENCH SET (METAL BOX)

- 72tooth gear design 5 deegree adjust angle.
- flexible design for best operting angle.
- Size : 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm & 19mm

*Picture shown are for reference only



WRENCH SERIES



HEX KEY

Item Code	SIZE (mm)	Length
HK11	11	138mm
HK12	12	138mm
HK13	13	138mm
HK14	14	155mm
HK15	15	160mm
HK16	16	170mm
HK17	17	180mm
HK19	19	200mm



SRS04

4PCS STAR RING WRENCH SET

- For star ring (E-type) screws.
- Bent style.
- Wrench matches the special screw conditions.
- Application : Benz 211 (E-class) , 203 (C-class) since 2006.
- Size : E6xE8, E10xE12, E14xE18 & E20xE24



TWS04

4PCS TORX WRENCH SET

- E6xE8
- E10xE12
- E14xE18
- E20xE24



FLEXIBLE FLARE NUT WRENCH

- Made with chrome vanadium steel (6140)
- Mirror polish & satin finish
- Double flexible head folds up to 230°
- Traditional flare nut wrench and crowfoot function
- Ergonomic design
- Suitable for all hydraulic, fuel, oil brake, A/C, O2 Sensor, auto tool and air line work.

Item Code	Size	Item Code	Size
FFNW0810	8 x 10mm	FFNW1214	12x14mm
FFNW1011	10 x 11mm	FFNW1417	14x17mm
FFNW1012	10 x 12mm	FFNW1719	17x19mm



FS0508

5PCS X 8" FILE SET

Item	Spec.
FF08	8" Flat File
TF08	8" Triangle File
HRF08	8" Half Round File
RF08	8" Round File
SF08	8" Square File

*Picture shown are for reference only



WRENCH SERIES

COMBINATION WRENCH (15 DEGREE)



- Chrome vanadium steel.
- Triple chrome plated.

Item Code	Size	Length
CR1506	6mm	105mm
CR1507	7mm	115mm
CR1508	8mm	125mm
CR1509	9mm	135mm
CR1510	10mm	145mm
CR1511	11mm	155mm
CR1512	12mm	165mm
CR1513	13mm	175mm
CR1514	14mm	185mm
CR1515	15mm	195mm
CR1516	16mm	205mm
CR1517	17mm	215mm
CR1518	18mm	225mm
CR1519	19mm	235mm
CR1520	20mm	245mm
CR1521	21mm	255mm
CR1522	22mm	265mm
CR1523	23mm	275mm
CR1524	24mm	285mm

Item Code	Size	Length
CR1525	25mm	295mm
CR1526	26mm	305mm
CR1527	27mm	315mm
CR1528	28mm	325mm
CR1529	29mm	335mm
CR1530	30mm	345mm
CR1532	32mm	365mm
CR1533	33mm	380mm
CR1534	34mm	380mm
CR1536	36mm	410mm
CR1538	38mm	430mm
CR1540	40mm	450mm
CR1541	41mm	460mm
CR1542	42mm	460mm
CR1543	43mm	460mm
CR1546	46mm	500mm
CR1548	48mm	540mm
CR1550	50mm	540mm

OFFSET RING WRENCH (45 DEGREE)



- Chrome vanadium steel.
- Triple chrome plated.

Item Code	Size	Length
DR450607	6x7mm	167mm
DR450809	8x9mm	174mm
DR450810	8x10mm	174mm
DR451011	10x11mm	186mm
DR451012	10x12mm	186mm
DR451213	12x13mm	210mm
DR451214	12x14mm	210mm
DR451415	14x15mm	236mm
DR451417	14x17mm	240mm
DR451617	16x17mm	240mm
DR451719	17x19mm	270mm
DR451819	18x19mm	270mm
DR451921	19x21mm	270mm
DR452022	20x22mm	270mm
DR452123	21x23mm	295mm
DR452224	22x24mm	330mm
DR452427	24x27mm	370mm
DR453032	30x32mm	400mm

PIPE WRENCH (HEAVY DUTY)



Item Code	Jaw Capacity	Overall (L)
PW08HD	25-4mm/1"	8"
PW10HD	38mm/ 1-1/2"	10"
PW12HD	50mm/ 2"	12"
PW14HD	60mm/ 2.4"	14"
PW18HD	75mm/ 3-1/2"	18"
PW24HD	100mm/ 4"	24"
PW36HD	125mm/ 5"	36"
PW48HD	150mm/ 6"	48"

*Picture shown are for reference only



WRENCH SERIES

FLEXIBLE SOCKET WRENCH (12PT)



Item Code	⊙	D (mm)	D1 (mm)	L (mm)	G
FS0607	6x7	10	11	185	75
FS0809	8x9	13	14	180	75
FS0810	8x10	13	15	185	90
FS1011	10x11	15	16	200	115
FS1012	10x12	15	18	205	125
FS1213	12x13	18	19	220	155
FS1214	12x14	18	20	225	170
FS1415	14x15	20	22	242	235
FS1417	14x17	20	24	242	240
FS1617	16x17	24	24	254	330
FS1719	17x19	24	26	260	330
FS1819	18x19	26	26	275	410
FS2022	20x22	28	30.5	305	595
FS2123	21x23	29.8	33	305	640

FLEXIBLE SOCKET (12PT)



Item Code	Size
FS08	8mm
FS09	9mm
FS10	10mm
FS11	11mm
FS12	12mm
FS13	13mm

Item Code	Size
FS14	14mm
FS15	15mm
FS16	16mm
FS17	17mm
FS18	18mm
FS19	19mm



FLEXIBLE EXTERNAL TORX SOCKET WRENCH



Item Code	⊙	D (mm)	D1 (mm)	L (mm)	G
FES0608	E6xE8	8.3	9.9	182	100
FES1012	E10xE12	12	15	200	110
FES1416	E14xE16	16.3	19	220	190
FES1820	E18xE20	20.5	22	240	255
FES2224	E22xE24	25	26	258	350

FLEXIBLE TORX SOCKET WRENCH



Item Code	⊙	D (mm)	D1 (mm)	D (mm)	D1 (mm)	L (mm)	G
FTK1520	T15xT20	15	15	3.26	3.84	220	100
FTK2527	T25xT27	15	15	4.4	4.96	220	110
FTK3040	T30xT40	15	15	5.49	6.6	220	190
FTK4550	T45xT50	18	18	7.77	8.49	240	255
FTK5560	T55xT60	18	18	11.17	13.2	240	350

FLEXIBLE HEX KEY WRENCH



Item Code	⬡	D (mm)	D1 (mm)	L (mm)	G
FHK0225	H2xH2.5	15	15	220	110
FHK0304	H3xH4	15	15	220	115
FHK0506	H5xH6	18	18	240	175
FHK0810	H8xH10	20	20	260	260
FHK1214	H12xH14	22	22	260	280

FLARE NUT WRENCH



Item Code	⊙	D (mm)	D1 (mm)	L (mm)	G
FNW0810	8x10mm	18	20	130	50
FNW1011	10x11mm	20	22	150	72
FNW1012	10x12mm	20	22	150	72
FNW1113	11x13mm	22	25	170	95
FNW1214	12x14mm	22	25	170	95
FNW1417	14x17mm	26	30	190	140
FNW1719	17x19mm	30	33	210	185
FNW1922	19x22mm	33	39	230	220

*Picture shown are for reference only



GEAR COMBINATION WRENCH (72 TEETH)

- 72 teeth ratcheting system provides high torque & 5° of operation in tight areas.
- Chrome vanadium steel & mirror polished.

Item Code	Size (mm)	Length (mm)
GW7208	8mm	135
GW7209	9mm	135
GW7210	10mm	160
GW7211	11mm	165
GW7212	12mm	168
GW7213	13mm	178

Item Code	Size (mm)	Length (mm)
GW7214	14mm	190
GW7215	15mm	200
GW7216	16mm	210
GW7217	17mm	225
GW7218	18mm	225
GW7219	19mm	248



GEAR COMBINATION WRENCH (72 TEETH)

- 72 teeth ratcheting system provides high torque & 5° of operation in tight areas.
- Chrome vanadium steel & mirror polished.

Item Code	Size (mm)	Length (mm)
FGW7208	8mm	135
FGW7209	9mm	135
FGW7210	10mm	160
FGW7211	11mm	165
FGW7212	12mm	168
FGW7213	13mm	178

Item Code	Size (mm)	Length (mm)
FGW7214	14mm	190
FGW7215	15mm	200
FGW7216	16mm	210
FGW7217	17mm	225
FGW7218	18mm	225
FGW7219	19mm	248



STUBBY COMBINATION WRENCH

Item Code	Size (mm)	Length (mm)
SCR08	8	85
SCR09	9	90
SCR10	10	95
SCR11	11	100
SCR12	12	104
SCR13	13	109

Item Code	Size (mm)	Length (mm)
SCR14	14	114
SCR15	15	120
SCR16	16	124
SCR17	17	130
SCR18	18	134
SCR19	19	140



ANGLE WRENCH 6PT (FORCE)

Item Code	Size (mm)	Length (mm)
LS08F	8	114
LS10F	10	129
LS12F	12	144
LS14F	14	160
LS17F	17	187



EXTRA LONG OFFSET WRENCH

- Special extra long design. Material is the chrome molybdenum.
- Easy to use in the confined space space, such as pully core screws and the water tank frame screws etc. .

Item Code	Size (mm)	Length (mm)
ELDR0810	8x10	235
ELDR1011	10x11	285
ELDR1012	10x12	291
ELDR1214	12x14	328

Item Code	Size (mm)	Length (mm)
ELDR1417	14x17	390
ELDR1719	17x19	407
ELDR2224	22x24	431

*Picture shown are for reference only



WRENCH SERIES



EXTENSION BAR

- Extend ratchet from fastener for more freedom of ratchet movement.
- Strong chrome plated steel drive extensions.

Item Code	Size (")	Length (mm)
EB1402	1/4" x 2"	50
EB1404	1/4" x 4"	100
EB1406	1/4" x 6"	150
EB3803	3/8" x 3"	75
EB3806	3/8" x 6"	150
EB3810	3/8" x 10"	250

Item Code	Size (")	Length (mm)
EB1202	1/2" x 1-1/2"	50
EB1203	1/2" x 3"	75
EB1205	1/2" x 5"	125
EB1210	1/2" x 10"	250
EB1224	1/2" x 24"	600



WOBBLE EXTENSION BAR

- Special drive shape allows swivel motion
- Wobble extension allow socket to flex 15° in any direction.
- Strong chrome plated steel drive extensions.

Item Code	Size (")	Length (mm)
WEB1202	1/2" x 2"	75
WEB1203	1/2" x 3"	125
WEB1205	1/2" x 5"	250
WEB1210	1/2" x 10"	600



HALF MOON OFFSET WRENCH

Item Code	Size (mm)	Length (mm)
HMR0810	8 x 10	130
HMR1012	10 x 12	150
HMR1113	11 x 13	150
HMR1214	12 x 14	170
HMR1417	14 x 17	173
HMR1922	19 x 22	228



L-HANDLE (HEAVY DUTY)

Item Code	Drive (DR)	Length
LH5599	1/2"DR	264mm
LH5005	1/2"DR	350mm
LH6634	3/4"DR	390mm



L-HANDLE

Item Code	Drive (DR)	Length
LH5538	3/8"DR	150mm
LH5658	1/2"DR	264mm
LH5534	3/4"DR	390mm



SLIDING T HANDLE

- Square drive lock along the handle can use Iort-handle.

Item Code	Drive (DR)	Length
STH1414	1/4"DR	110mm
STH3838	3/8"DR	165mm
STH1212	1/2"DR	252mm
STH3434	3/4"DR	450mm

*Picture shown are for reference only



WRENCH SERIES



RH51438
1/4"DR & 3/8"DR RATHET HANDLE



SRH5522
1/2"DR STUBBY RATCHET HANDLE



FLEXIBLE RATCHET HANDLE (72 TEETH)

Item	Drive	Length
FRH51472	1/4"DR	160mm
FRH53872	3/8"DR	240mm
FRH51272	1/2"DR	285mm



RATCHET HANDLE (45 TEETH)

Item	Drive	Length
RH514S	1/4"DR	145mm
RH512S	1/2"DR	250mm
RH538S	3/8"DR	190mm



RATCHET HANDLE (36 TEETH)

Item	Drive	Length
RH53614	1/4"DR	140mm
RH53638	3/8"DR	190mm
RH53612	1/2"DR	250mm



ERH54812
1/2" EXTANDABLE RATCHET HANDLE



FERH57212
1/2" FLEXIBLE EXTANDABLE RATCHET HANDLE

**Picture shown are for reference only*



WRENCH SERIES



TORQUE WRENCH

Item Code	Square Drive	Torque Range				
		Nm	Kgf.m	Lbf-in	Lbf-ft	L (mm)
TW100	3/8"	2.5-11	0.3-1.2	20-100	2-8	350mm
TW300	3/8"	5-33	0.5-3.4	40-300	4-24	445mm
TW600	1/2"	12-68	1.2-7	100-600	10-50	500mm
TW1200	1/2"	25-135	3-14	200-1200	20-100	550mm
TW2000	1/2"	50-225	5-23	400-2000	40-160	588mm
TW3000	1/2"	70-330	7-35	600-3000	50-250	788mm
TW5000	3/4"	140-560	14-57	1200-5000	100-410	1000mm
TW7200	3/4"	200-810	22-82	1800-7200	150-600	1038mm



TORQUE WRENCH

Item Code	Square Drive	Torque Range		L (mm)
		Nm	ft-lb (in-lb)	
TW6250	3/8"	10~60	9.3-42	338
TW6300	1/2"	34~197	20~150	521
TW6350	1/2"	47-332	30-250	600



1/2"DR TORQUE WRENCH

Item Code	Square Drive	Torque Range		L (mm)
		Nm	ft-lb (in-lb)	
TW6190	1/2"	13.6 - 203.5	10-150	470



1/4"DR TORQUE WRENCH

- Tolerance of torque $\pm 3\%$.
- Easy torque-adjusting design brings energy-saving benefit.
- Quick release design.
- Includes - H3, H4, H5, H6, H8, H10 & T25 .
- Small and easy to use.

Item Code	Square Drive	Torque Range		L (mm)
		Nm	in-lb	
TW1411	1/4"	3-15	31 - 128	210



SWIVEL HANDLE

Item Code	Drive	Length (")
SH3810	3/8"Dr	10"
SH1215	1/2"Dr	15"
SH1224	1/2"Dr	24"

- Drop forged alloy steel square drive swivels 180 degrees.
- Strong chrome vanadium steel handle for any job give you extra toque.

*Picture shown are for reference only