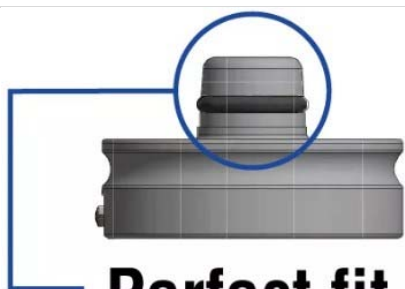


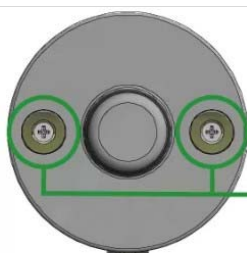
# KA-5600N Universal Jack Lift Pad Set for Tesla Model S 3 X Y



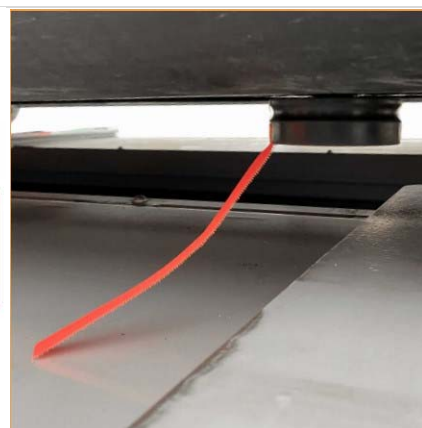
- Pad pucks made specific for jack lifting point of Tesla models
- Magnets enhance the pads to firmly stick to the metallic frame and let the pad stay at the jack point during while **servicing the Battery**
- Pads to protect the Battery at the bottom of Tesla
- Special attached color ribbon works as an reminder/identifier so the pads are not forgotten after servicing Tesla



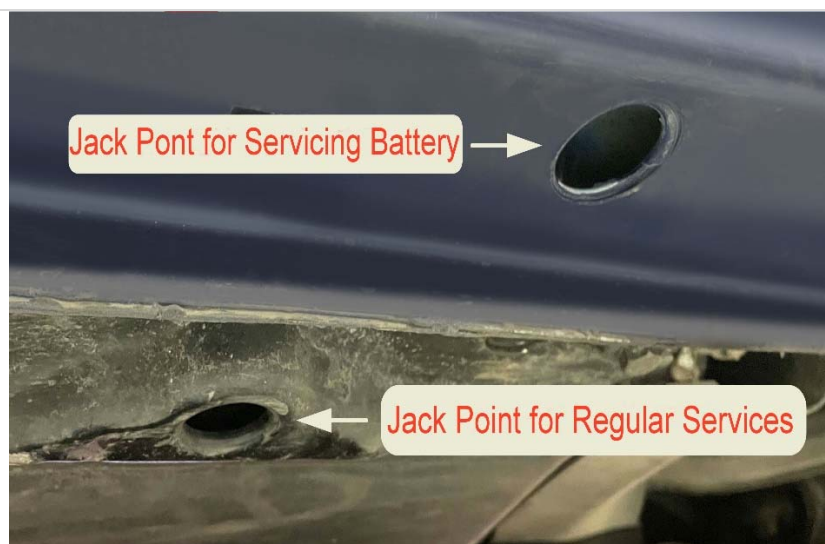
**Perfect fit  
for regular  
lift points**



**Fit to battery  
service lift points  
by strong magnets**



**Won't be forgotten**



Special Designs for both:

- (1) Jack Point for Servicing the battery
- (2) Jack Point for Regular Service.

# KA-2260 Hose Clamp Pliers – Waffle Shape Grip Jaw Latch Mechanism, Grip from any Direction, Compact !



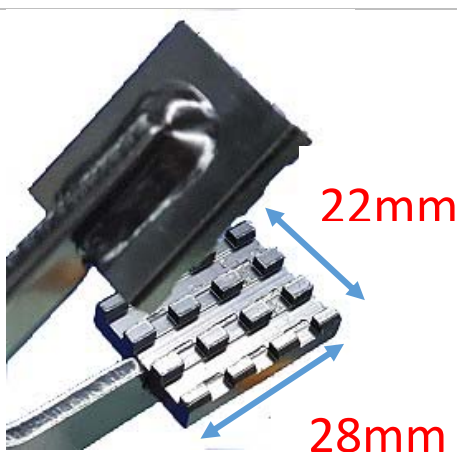
- Specification:
- Material: Carton Steel with Heat Treatment
- Surface: Electro-Deposited
- Large Jaw Opening: 0-90mm
- Tool Length: 230mm



Ideal to use in narrow confined engine chamber

22 x 28mm Waffle Shape Grip Jaw securely grip the hose clamp tightly. Large Grip area to grip from any direction.

Latch design, easy storage. Squeeze to release the latch.





## KA-2717 Strong Magnetic Air Wrench Holder High-Power but Lightweight!



### KA-2717 Magnetic Air Wrench Holder

- Securely holding various air wrenches and tools.
- The holder loading capacity: 2500g to 3000g,
- Strong magnetic (NdFeB) force ranging from 2000 to 2500 gauss.
- Material: iron metal with a surface vinyl coating.
- Dimension: 150\*90\*90mm
- Weighs: 470g.



- Attaching to the side of steel work bench, the magnet is quickly and easily positioned or repositioned!
- Holds your tools safely and securely.



- Keep Air impact wrench & Power tool safe from damage and handy.

## KA-3843 Thread Chaser for NOx Sensor Ports



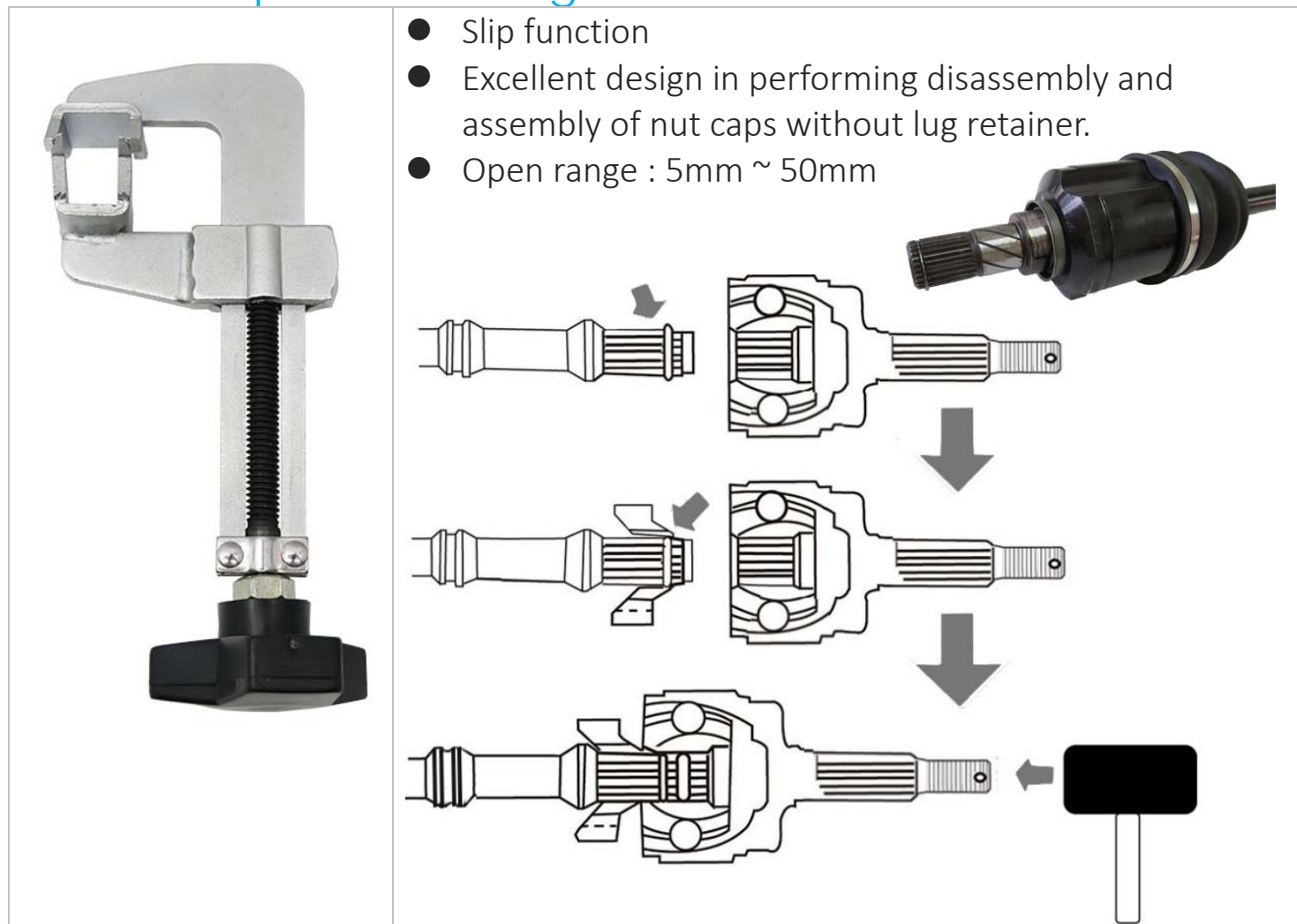
- M22 X 1.5 MM THREADS.
- Clean and Repair Sensor Port Thread before Installing New NOx Sensor.
- Fitted with Rubber O-Ring to let Chaser Use easily with 7/8" (22mm) Sockets or Spanner.
- Before Repairing:  
Use With Axle Grease for Repairing Threads and Removing any Metal in The Flutes.
- APPLICATIONS : MERCEDES-BENZ, VAUXHALL ,OPEL
- TOTAL LENGTH: 50 MM.
- MATERIAL : CHROME VANADIUM
- USE WITH 7/8" (22MM) SOCKETS OR SPANNERS

## KA-3844 Thread Chaser for Fuel Vaporizer



- M20 X 1.5 MM THREADS.
- Clean and Strengthen the Exhaust System fuel Vaporizer Ports.
- Special Short Lead-In on the Thread Chaser Making Sure the Thread is Cut as Close as Possible to the Internal Seat of the Exhaust.
- Before Repairing:  
Use With Axle Grease for Repairing Threads and Removing any Metal in The Flutes.
- APPLICATIONS : MERCEDES-BENZ, VAUXHALL ,OPEL
- TOTAL LENGTH: 45 MM.
- USE WITH 7/8" (22MM) SOCKETS OR SPANNERS

## KA-5490 Ring Clamping Retainer For Nut Caps without Lug Retainer



## KA-4035M Multi Ribbed Belt Mounting Tool

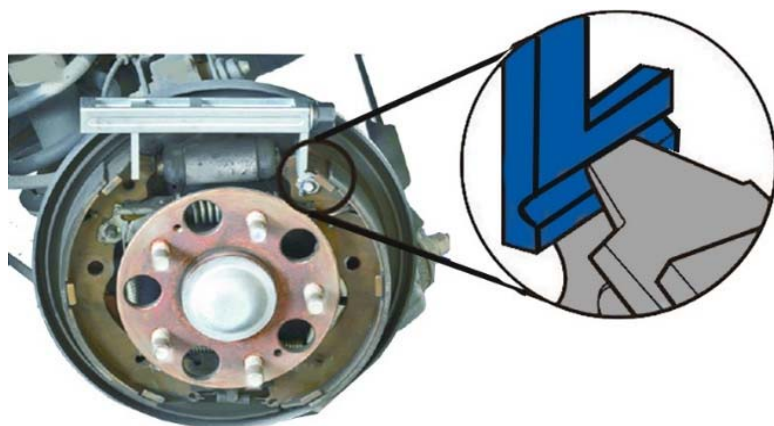




## KA-5491 Drum Brake Shoe Spreader Tool



- Keep the Cylinder Safely: Spread the Brake Shoes and Hold the Brake Shoes Spread.
- No Need to Remove Shoes to Replace Cylinder or Apply the Hand Brake.
- Open Range of Brake Shoe Spreader : 25mm to 142mm.
- With Size: 3/8"Dr & 17mm Hex Bolt, this Design Allowing the Use of a Ratchet or Spanner.

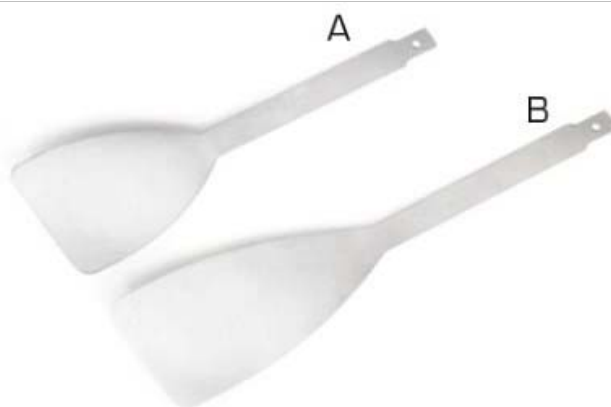


## KA-2248 Cutting Knives Tools



- The cutting knives excels in cutting hard-to-reach corner.
- The cutting knives made of 6061 aluminum (800mmL x 1" W x 0.25"H)
- The Blade secures into the tool allowing the bar sock to easily slide into the urethane.

## KA-2247 Glass Sheath Blade



- Multi-Purpose Blade for Auto Glass repairing.
  - Made of High Carbon spring Steel.
- A: 3 x 10 "
- B: 3 x 12"

## KA-6525KS Multi-Purpose Bearing and Puller Set



- Multi-Purpose to carry out pulling jobs for Bearing, Alternators, Generators, Power Steering and Crankshaft Pulley, Timing Gear and Harmonic Balancers.

Content:

- H Bar shape puller block suitable for 7" & 11" spread application.
- 2 sets x Forged Pulling Jaws with reach range to 5" and 9".
- Short and Long pull forcing screws.

## KA-6876D 14PC Wheel Locating Guide Set



- Assist to align and mount the wheel.
- Set contains 7 pairs of locating guide.

Content:

- Male Thread: M12\*1.25 mm, M12\*1.5 mm, M12\*1.75 mm, M14 X 1.25 mm, M14 X 1.5 mm , M16 X 1.5 mm.
- Female Thread: M12 X 1.5 mm.





## 2 in 1 Impact Screwdriver

Now, you can tighten the screw and loosen the rusty hard-to-remove screws!!

*Efficient, Effortless, Labor-Saving, so Happy!*

- **Patented** 2 In 1 Screwdriver consists two functions: *Regular* screwdriver or *Impact* screwdriver.
- **Regular Function:** tighten the screws.
- **Impact Function:** loosen the screws  
-> Hitting the rear end with a hammer to remove the rusty fixed and damaged screws easily.

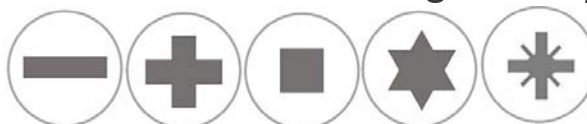


- Rotate the barrel on the handle to switch functions.

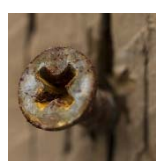


- **Heavy Duty Material:**  
Cr-Mo & CRV Steel with phosphate Finish  
Extra Strength, Durability.

Screwdriver Fits following screw types:



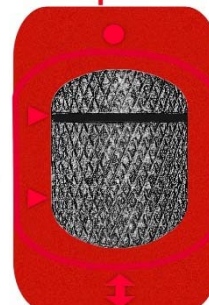
**Also Available :** 2 in 1 Impact Spinner Handle / Driver for Socket For Rusty bolts!



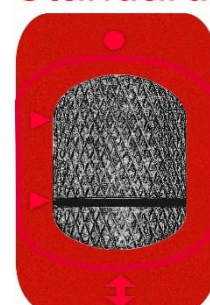
Turn Anti-Clockwise



Impact



Standard

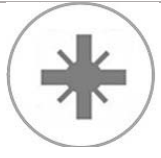

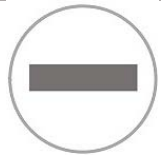

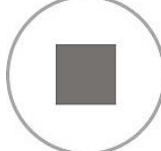




## 2 in 1 Impact Screwdriver

Available in following sizes:



Type		Item no.	Size/Length
Pozidriv		KT-2100-PZ1	100 * 210mm
		KT-2100-PZ2	100 * 210mm
		KT-2100-PZ3	125 * 230mm
TorX		KT-2100-T20	100 * 210mm
		KT-2100-T25	100 * 210mm
		KT-2100-T30	125 * 230mm
Slotted		KT-2100-SL5	73 * 180mm
		KT-2100-SL6.5	100 * 205mm
		KT-2100-SL8	125 * 230mm
Phillips		KT-2100-PH1	75 * 180mm
		KT-2100-PH2	100 * 205mm
		KT-2100-PH3	125 * 230mm
Square		KT-2100-S1	75 * 180mm
		KT-2100-S2	100 * 205mm
		KT-2100-S3	125 * 230mm

## 2 in 1 Impact Spinner Handle / Driver for Socket



Square Drive		No. KT-2200-14 1/4"	1/4" * 72mm * 180mm
<p>Use with 1/4" Socket or Bit Socket to remove Rusty bolts!</p>   			

Package option:

Single tool in blister pack



Tool Tray with Box Select up to 8 pcs.



# Nail Punch

*Retain the nail & Save your fingers from hammer strikes!*



KA-1050



KA-1051



KT-1052



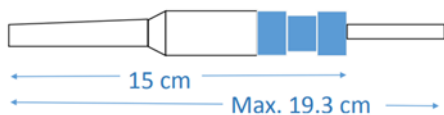
- The Nail Punch is designed for standard trim nails up to 31.2mm (1-1/4").
- They are at least 15cm (6") in length allows easy access to any channels, recesses, hard-to-reach confined area.
- The Nail Punch is excellent in driving the trim nail into fascia, soffit, other trims without damaging the trims.
- Material: Hardened Steel and Aluminum. Corrosion Resistant!
- 3 sizes available.

**KT-1050 (blue)** Heavy Duty

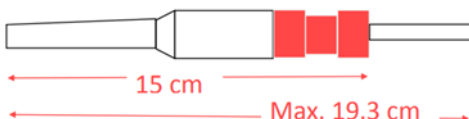
**KT-1051 (red)** Heavy duty with silicon  
nail retainer

**KT-1052 (black)** Mini/Pocket Size

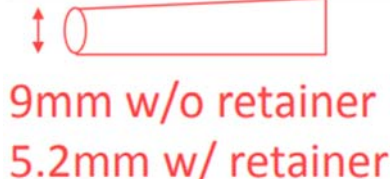
KT-1050 (blue)



KT-1051 (red)



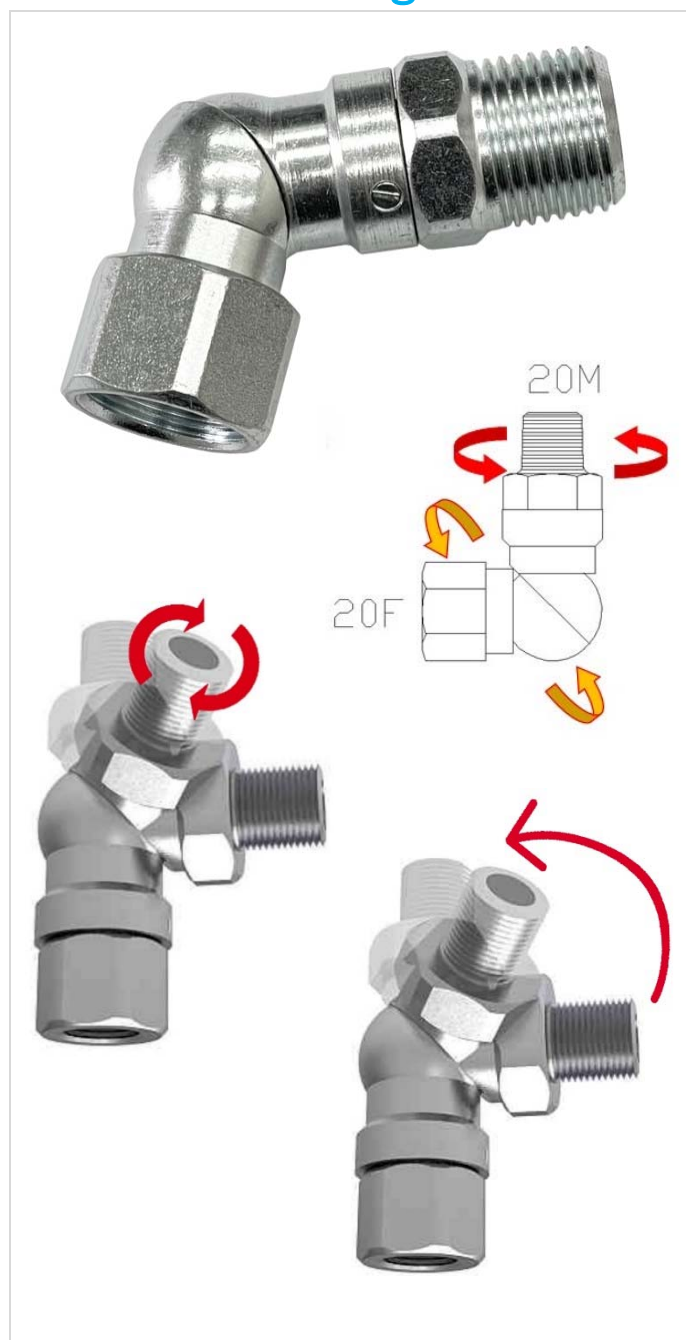
KT-1052 (black)





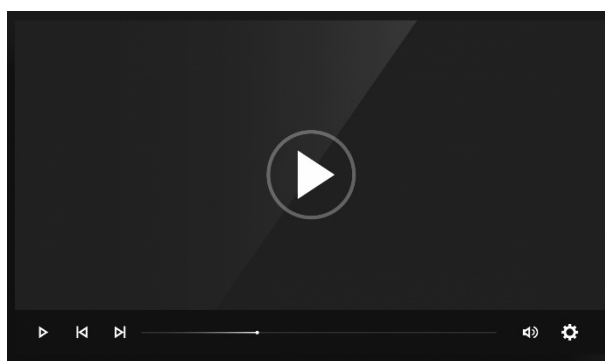
# 360° Rotation Swivel Flex Universal Air Connector

## No More Twisting Air Hose! High Pressure/High Flow!



- An unique air connectors that “actually” rotate 360° and bend in **all direction**.
- The 360° rotation connector makes air hose flexible, and the air hose does not tangle nor twist, and remain straight while using.
- High Pressure High Flow Capacity (<250PSI)
- The 360° Rotation let you use air tool in a poor accessible space. Since the hose remain straight, the air pass through continuously!
- Durable, strong and tough.
- Made of “Cr-Mo Steel” with Heat Treatment. Stronger than Aluminum. Reduce the hose wear and thread wear.

Item No.	Air Inlet	Air Outlet	Air Flow	Net Weight
PA-SWIVEL-14E 20SF x SM	1/4" F	1/4" M	@90PSI 45CFM	113.8
PA-SWIVEL-38E 30SF x SM	3/8" F	3/8" M	@90PSI 46CFM	115.6
PA-SWIVEL-12E 40SF x SM	1/2" F	1/2" M	@90PSI 43CFM	129.0



Operation Video

## Diesel Fuel Line Wrench, High Pressure Fuel Line Socket Set (Item No.: KA-4137HK)



- KA-4137HK is designed to let you work on the Fuel line nuts are often located in hard-to-reach area.
- KA-4137HK does not damage the nut, easily and safely to Loosen and tighten the fuel line at the fuel injector nozzle and fuel injection pump.
- Size: 3/8" SQ Dr.
- Application: Fits 17mm,14mm,13 mm fuel line nuts.

## Diesel Fuel Line Wrench Socket Set (Item No. KA-4137LK)



- KA-4137LK is designed to let you work on the Fuel line nuts are often located in hard-to-reach area.
- KA-4137LK does not damage the nut, easily and safely to Loosen and tighten the fuel line at the fuel injector nozzle and fuel injection pump.
- **Fits Fuel Line Size**  
Size: 17mm,18mm,19mm,20mm,21mm,22mm,23mm,24mm,25mm,26mm,27mm



## Tie Rod / Pitman Arm Adjusting Set (Item No. KA-5140A)



KA-5140A consists 1 x Pitman Arm and 4 x Tie Rod tools.

Adjusting Sleeves	Application
1-13/16" Dia.	Adjusting the tie rods on heavy-duty Ford 3/4" Ton and 1 Ton trucks
1-1/8" Dia.	Adjusting tie rods on light trucks
1-7/16" Dia.	Adjusting Pitman arms on heavy-duty 3/4" Ton and 1 Ton trucks
7/8" Dia.	Adjusting tie rods on full size cars
3/4" Dia.	Adjusting tie rods on compact cars

## Axle Staked Nut Air Chisel Punch Set (Item No. KA-3231AK)



- KA-3231AK is a great tool to repair, disengage, reset and release the Axle Staked Nut quickly and easily.
- KA-3231AK reduces the damage to the axle shaft and threads.
- Content:  
**Curved Tip Punch:** to disengage the stake (crimp) and release the axle nut.

**Flat-bladed Punch:** to reset the stake squarely and positively.

- Size for both punch: 178mm(L) with 10mm Shank
- Applications: Wheel bearings, prop-shaft and drive-flange stake nuts across many makes

# Digital Display Circuit Tester with Wire Hook (Item No. KA-5323B)

- KA-5323B is a DC voltage tester with smart over-voltage protection and warning for vehicle repair.
- The electrical system for vehicle becomes more complex, the tester is designed to test voltage value, identify DC polarity from different background light color, positive / negative sign, and over-voltage level indication.
- The special designed probe let user to hook, piercing, and probing the wires.



**Wire Hooker and Piercing**



**Over-Voltage Warning**



## Features:

1. Check on 6, 12, 24 and 48V systems.
2. Hook the wire and wire Piercing
3. DC Voltage Measurement
4. LCD with Dual Color Polarity indication
5. AC / DC identification
6. Data Hold
7. Low Power Consumption
8. Computer Safe (Testing Current < 10mA)
9. Over-Voltage Protection and Warning for 4 different voltage level

## 4 Level Over-Voltage Warning

VOLTAGE	LCD Display	Polarity Indication light		
		DC VOLT		AC VOLT
70 ~ 100V	OL0	—	+	N/A
100 ~ 200V	OL1	—	+	N/A
200 ~ 300V	OL2	—	+	N/A
Over 300V	OL3	—	+	N/A



# Relay Tester with Relay Tester Adaptor (Item No. KA-6785AK)



- KA-6785AK tests 3 popular vehicle relays.
- The testing result displayed by LED indication. Technician uses the device to figure out the condition of the relay, and so speculating the problem in the vehicle.
- Use the relay adapter to plug into the relay tester, suitable to connection multiple styles relay.

## Features:

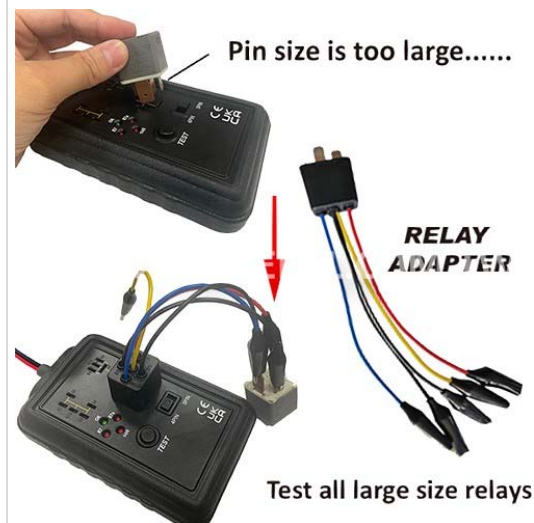
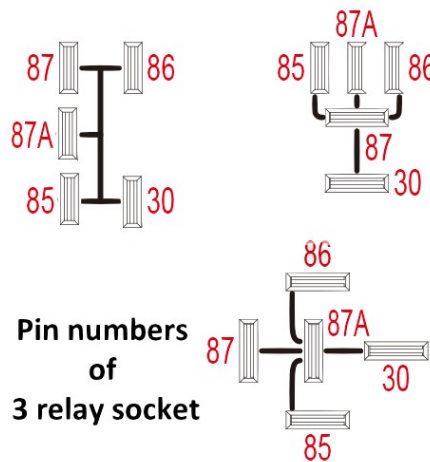
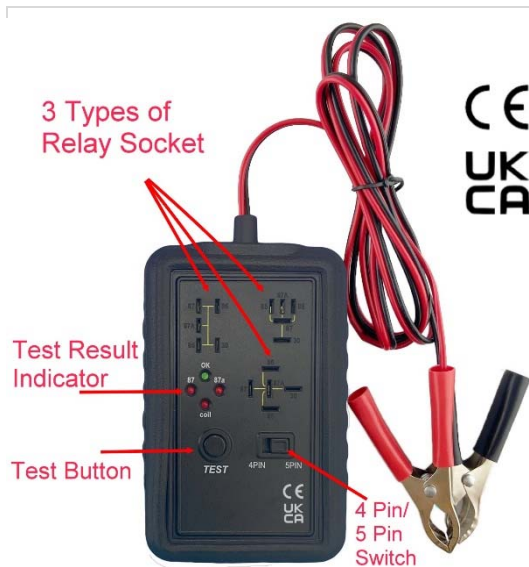
With CE & UKCA Approvals.

Power Supplied: 12V / 24V vehicle battery

Support both 4 pin / 5 pin relay.

Problem pin indication.

Colored wires of pin number for easy identification.



# Leaking Current Tester (Item No. KA-1080)

Measure Leaking Current as small as 1mA

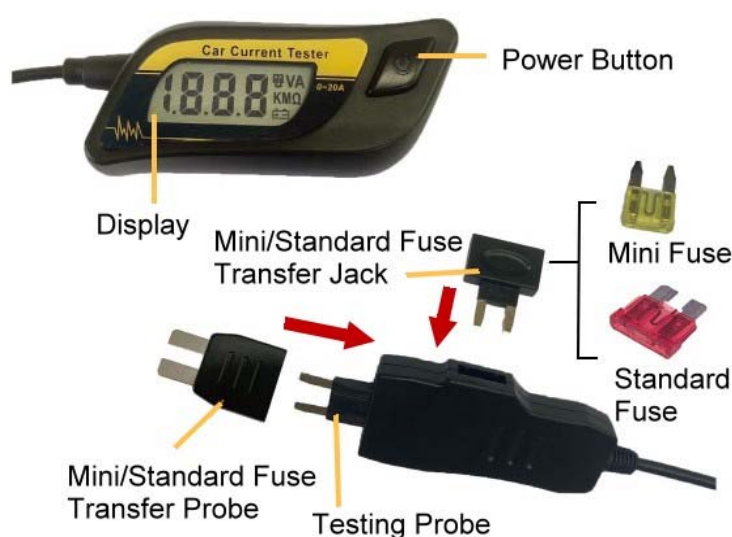


- Stable, low power consumption, and high accuracy 3-1/2 digits (2000 counts) leaking current meter for automobile.
- Leaking current for automobile is generally as small as milliamps, which is hard to measure by clamp meter.
- By plug this meter with the fuse box, user is able to measure leaking current as small as 1 mA.

## Features:

1. Display: 2000 counts; 3 1/2 digits LCD
2. Use for 2 Blade types of FUSE (Standard/Mini)
3. Refresh Rate: 3 times per seconds
4. Low Voltage Indication
5. Power: 1.5V AAA Battery x 2 (3V)
6. Maximum current Measured: 20A

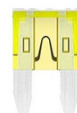
Auto Range	Accuracy	Resolution
1999mA	±0.5% ±2 digits	1mA
20A	±0.5% ±2 digits	10mA



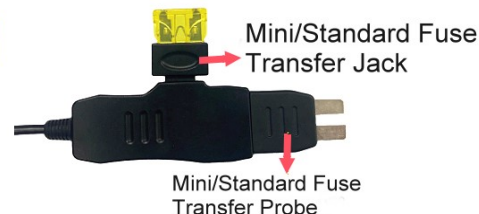
## Low Profile Mini Fuse



## Mini Fuse

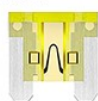


## ATO (Regular)/Standard Fuse

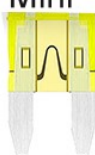


## 3 types of blade fuse

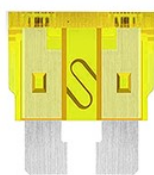
Low Profile Mini



Mini



ATO(Regular)/Standard







**To Check the Injector Condition** Connect KA-1074D to the 12V vehicle battery, the tester generates four different output signal pulses.

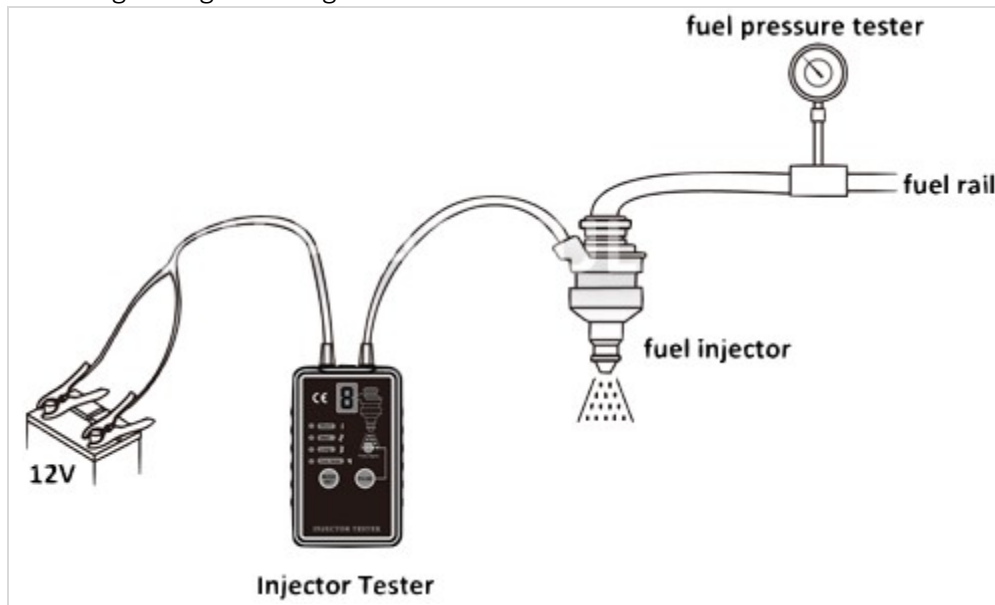
With KA-1074D, users can check if the injector is clogged, leaking or blasting.

## Features

- Injector Type: EFI (Electronic Fuel Injection, 12V)
- Input Power: 12V Vehicle Battery
- Working Environment: 0 ~ 40°C (32 ~ 104°F); < 80%RH
- Storage Environment: -10 ~ 50°C (14 ~ 122°F); < 85%RH

## Instruction

- (1) Switch off the engine, then connect the black battery clip to the negative of the car battery and the red battery clip to the positive of the car battery.
- (2) Disconnect the injector with connector from the vehicle; then connect the Output Signal Connector with the injector.
- (3) Press Mode Setting Switch to select the output signal pulse mode; there are 4 modes of the pulse:
  - Mode 1: Press PULSE switch to generate 1 pulse; the width of the pulse is 250ms.
  - Mode 2: Press PULSE switch to generate 50 pulses; the width of the pulse is 8ms.
  - Mode 3: Press PULSE switch to generate 100 pulses; the width of the pulse is 4ms.
  - Mode 4: Press PULSE switch to generate 50 pulse every 1500ms continuously; the width of the pulse is 8ms.
 Press PULSE switch again will stop the signal.
- (4) After selecting the pulse mode, press the switch PULSE to generate the pulse. The Pulse Indicator will light up as the signal is generating.



## Accessory



Size: 0.64mm/2.00mm/2.50mm

## Gasket Scraper – 2 Replaceable Blades (Brass & Steel)

Item No. KA-2244

Gasket Scraper

**Patented**

Store Extra  
Blade here



Two blades included:  
Steel & Brass

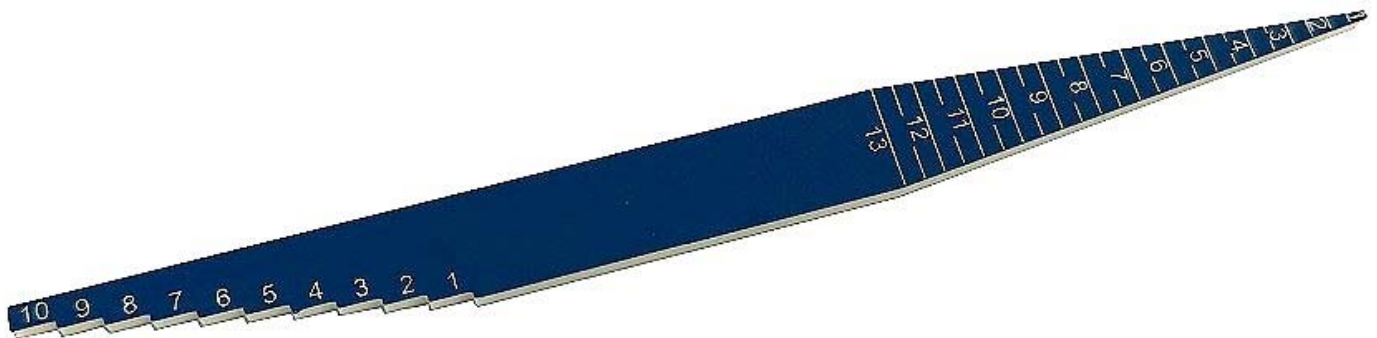


- Fully Machined Ergonomic Design Handle
- Steel and Brass blades are included. Either one can be stored inside the handle barrel.

Different blades has different applications:

- Brass Blade  
For removing gasket (especially *paper gasket*) on delicate aluminum engine blocks.
- Steel Blade  
For removing the stubborn gasket or residue on the engine blocks.

## Double End Taper and Gap Gauge (Item No. KA-5196B)



### Item No. KA-5196B Double End Taper and Gap Gauge

- A Must-Have tool for car panel & hood gap measurement.
- When correcting the vehicle body alignment, this compact and simple for checking the mutual position of two adjacent surfaces of vehicle.
- Quick and Easy to use.
- Simply place the gauge on clearance and read the measured figure.
- Made of High Quality Fiber-Reinforced Plastic (FRP). Durable and strong.
- Measure taper range: 1-13mm



Item No. KA-2245  
Circlip Install Tool**Patented**

- Thin, special shaped front blade to easily install the circlip in universal joints often found on small vehicles or UTVs.
- For E-Clips (range E9 ~ E13)
- Suitable for C-Clips fitted to universal joint



PAT.



## Universal Wheel Hub Extractor for Truck (Item No. KA-2088B)



	ITEM NO.	Thread Adaptor Specification
1	KA-2088B-01 / Thread Adaptor	M30 x P1.5 x 2PCS
2	KA-2088B-02 / Thread Adaptor	M24 x P1.5 x 2PCS
3	KA-2088B-03 / Thread Adaptor	M22 x P1.5 x 2PCS
4	KA-2088B-04 / Thread Adaptor	M20 x P1.5 x 2PCS
5	KA-2088B-05 / Thread Adaptor	M18 x P1.5 x 2PCS
6	KA-2088BB-03 / Thread Adaptor	7/8 W11 x2PCS
	ITEM NO.	Pressure Plate
7	KA-2088B-06 / Pressure Plate - Small	Ø95mm / 65mm x 40mm x 1PCS
8	KA-2088BB-04 / Pressure Plate - Large	Ø90mm / 62.7mm x 40mm X1PCS
9	KA-2088B-07 / Pressure Plate	Ø110mm / 85mm x 40mm x 1PCS
10	KA-2088BB-01 / BODY (TW30 X 6T)	L518mm x H49mm x W60mm x 1PCS
11	KA-2088B-09 / Central Tip	Ø23mm x 36.6mm / L x 1PCS
11-1	KA-2088B-10 / Bolt	TW30 x 6T x 349mm / L x 1PCS
12	KA-2088BB-02 / Bolt	M22 x 2.5 & M22 x 1.5 x 340mm / L x 2PCS
13	KA-2088B-11 / Nut	M22 x 2.5 x 4PCS



## Manual Lining Puller Set (Item No. KA-3838)



### KA-3838 Manual Lining Puller Set

- No need to remove the head stud while using KA-3838 Manual Lining Puller Set
- Remove Cylinder Lining.
- Application for most Trucks:
  - Fuso 3.5 Ton
  - Fuso 15 Ton
  - Fuso 330
  - Hino 750
  - SCANIA 310
  - Volvo (FL10 FM12)
  - DAF
  - Buses and other vehicle engine

## Hydraulic Brake Caliper Compressor Tool (Item No. KA-3840)



### KA-3840

#### Hydraulic Brake Caliper Tool

- For Floating Calipers fitted with single or twin piston.
- Also for Fixed calipers fitted with twin or quad 6,8,10 pistons.
- Rewinding the screw of hydraulic ram and Reset the Pad at same time, this function let you take out the tools from caliper easily and quickly.
- Centered Hydraulic ram *evenly* spreads the force in a parallel manner to prevent misalignment of the two pistons.
- Free Degree Swing Pad let you use the tool at any angle.
- Max Spread: 36-73mm
- Pad Size: 90\*60mm, 150\*60mm, 180\*60mm

## Truck Injector Sleeve Removal/Installation Tool Kit for Volvo FM/FM12/FH



### KA-3841 Truck Injector Sleeve Removal/Installation Tool Kit for Volvo FM/FM12/FH

- Remove and Install FM/FM12/FH truck injector sleeve.
- Application: Volvo (FM/FM12/FH) Truck
- Suitable for injector sleeve no. 85124276, 85104134, 21515329

## High Pressure Fuel Line Socket 1/2"\*19mm (Item No. KA-3839)



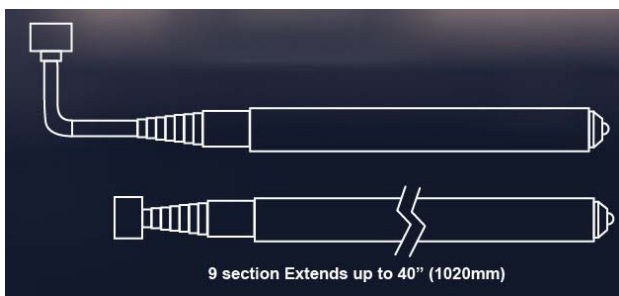
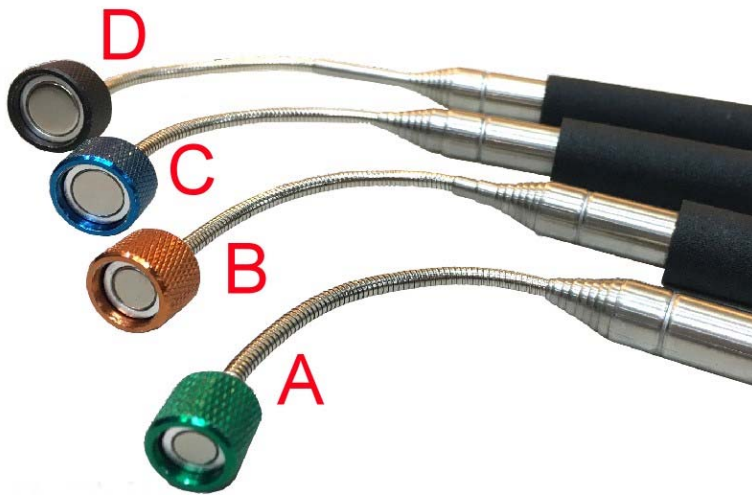
### KA-3839 High Pressure Fuel Line Socket 1/2"\*19mm

- For High Pressure Fuel Lines.
- During removal, this special design tightly grips the parts and ensure the torque does not lose.
- Not only use for fuel line, this socket let you use in every hard-to-reach area.
- Made of high quality reinforced and Heat treated material.





## Bendable Telescopic Magnetic Pickup Tool with Anti-Magnetic Cover



Flexible Retrieval Tool Reaches Deep into Engine Bays, Wheel Wells and Other Obstructed Areas to fetch Ferrous Metal Parts.

**Patented**

Features:

- Extends up to 40" (1020mm)
- Powerful Permanent Magnet Neodymium
- 360° Flexible Rotatable & Free Bendable Design can be Stretched Handily
- Stainless Steel (304) Telescoping Tube with Comfortable Textured Cushion Grip.
- Perfect for Grabbing Dropped Screw, Wrench, Bolts.
- Great for Picking up the small Parts from Restricted Confined Spots.

### Capacity

KA-5220A: 0.7 lb (0.32 kg)

KA-5220B: 0.9 lb (0.4 kg)

KA-5220C: 1.1 lb (0.5 kg)

KA-5220D: 1.32 lb (0.6 kg)

## Silicone Magnetic Tool Mat (Item No.: KA-2884E)



Feature:

- High Power Magnetism 1200-1500 Gauss
- Soft and Flexible Silicone Material
- Fit perfectly to any flat or curved ferrous metal surface.
- 150mm X 150mm X 9mm thickness
- Non-slip & Non-scratch.
- Hold tools, nuts, wrench, bolts and other hardware.
- Special curve end to make storage of parts, screws and wrench easily and securely
- Load capacity: 2.5 Kgs
- Place two mat side by side to extend the storage space



\*Tools are not included

**EASY STORAGE**



**BENDABLE**



**WASHABLE**



## Heavy Duty Magnetic Tool Holder Bar (Wall-Mounted)



(Hand Tools are not included)

Two sizes available:

KA-2701A: 13" (330mm /13")

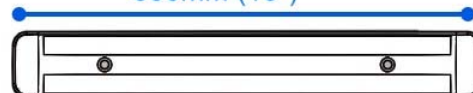
KA-2701AL: 18" (457mm /18")

**Patented**

Features:

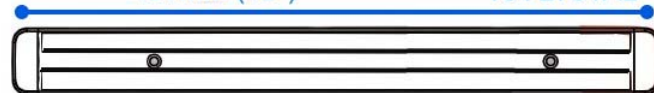
- A great handy magnetic tool in the shop, office, garage..etc
- Made of durable strong ABS Plastic with Extremely Powerful Magnets.
- A Solid Magnetic bar holds up to 6.6 to 11 lb
- Easy to mount on the wall, work bench or attach to any metal surface.
- Organize tools and keep them visible, handy and safely out of the way while working.

330mm (13")



KA-2701A

457mm (18")



KA-2701AL

## 3 Jaw Oil Filter Wrench for Mazda Diesel (Item No.: KA-4578)



For this type Oil Filter



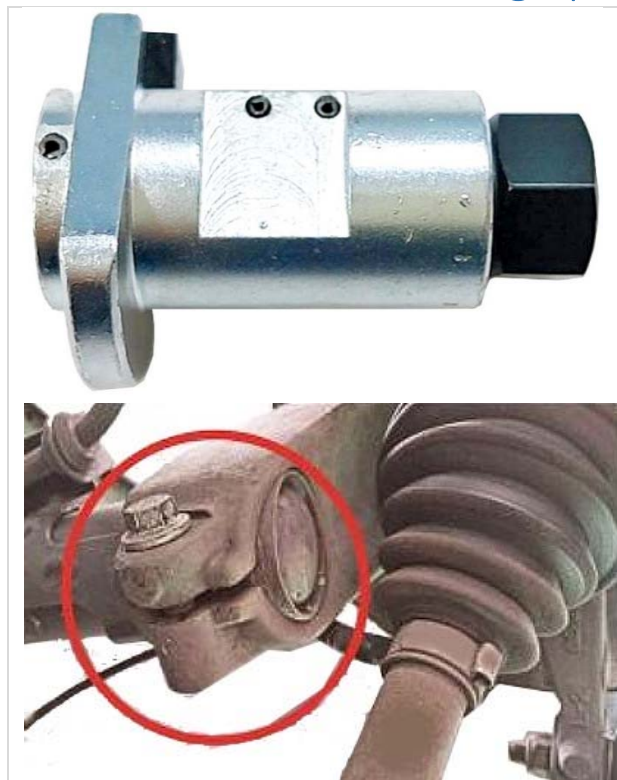
Item No: KA-4578

- For Mazda CX-3 Diesel
- Remove oil Filter & Release Fuel from the Filter.
- Heat-Treated Legs with Gear Mechanism allows using with "High – Torque " tools
- Use with 1/2" (12.7mm) SQ Dr. or 3/8" (9.5mm) SQ Dr. Ratchet Wrench or 13/16"(21mm) SQ Dr. Wrench
- For Oil Filter Size: 60-12mm
- Jaw Length: 50mm

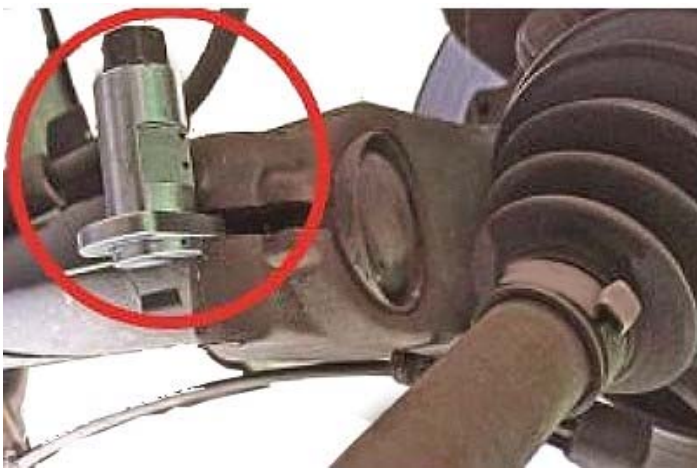




## Universal Wheel Bearing Spreader (Item No. KA-2246)



- An excellent tool to separate the suspension strut from wheel bearing housing.
- Parallel pressure surfaces prevents tool from accidentally jumping out or slipping off from housing.
- Large spreading range for using universally.
- Spreading range: 5.0-11.5mm
- Drive: External Hexagon 17mm



## Wheel Stud Alignment Guide Tool\_M15 \* 1.25 (Item No. KA-6985-M15)



Item No. KA-6985-M15

- Special size M15 \* 1.25 for latest model with long lug bolt.
- A great tool to assist when mounting wheels.
- Application: Mercedes-Benz GLE, GLS (2019-2022)

