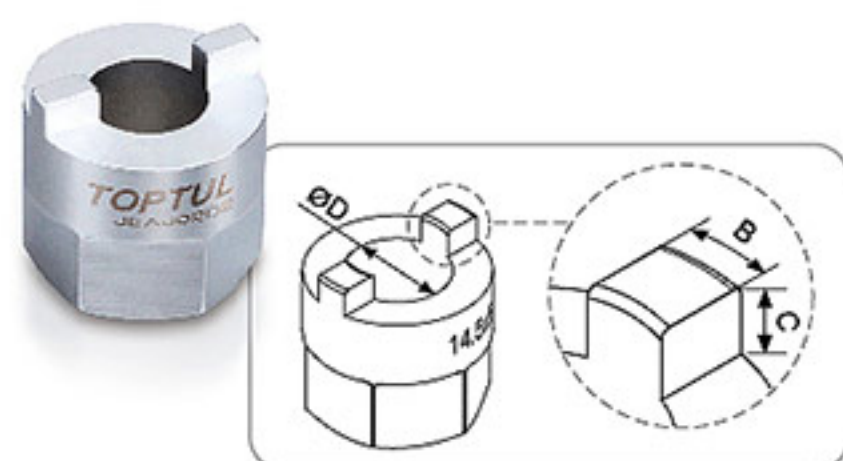


Strut Nut Sockets

CR-MO



- Made of heat treated and tempered Chrome Molybdenum Alloy Steel
- Suitable for the removal and installation of top shock retaining nut
- Use with 22mm (7/8") spanner

ITEM NO.	SIZE (mm)	B (mm)	C (mm)	ØD (mm)	L (mm)	Applicable	20	160
JEAJ0201	10.5x3.5	3.5	4	10.5	25	VW Golf rear axle	20	160
JEAJ0202	12.5x3.5	3.5	4	12.5	25	VW Polo front axle	20	160
JEAJ0203	14.5x5	5	4	14.5	25	Audi 80, Škoda, Seat, VW Polo / Golf / Passat	20	160
JEAJ0204	14.5x3	3	4	14.5	25	Austin Maestro	20	160
JEAJ0205	14x2.5	2.5	1.5	14	28.5	Mercedes-Benz W203 (C-class) / W209 (CLK)	20	160

3PCS Strut Nut Socket Set (For VAG)

CR-MO



- Suitable for the removal and installation of top shock retaining nut
- Application: Suitable for most Audi, Seat, Škoda, VW vehicles

ITEM NO.	CONTENTS	20	120
JGAR0303	1 JEAJ0201 Strut Nut Socket Internal Ø10.5mm with 3.5mm Pin		
	1 JEAJ0202 Strut Nut Socket Internal Ø12.5mm with 3.5mm Pin	20	120
	1 JEAJ0203 Strut Nut Socket Internal Ø14.5mm with 5.0mm Pin		

Strut Nut Socket

CR-MO



- Suitable for the removal and installation of top shock retaining nut
- Location pegs fit into slots cut in the retaining ring and allow hex key access through the center for release/adjustment of the shock
- Use with 22mm (7/8") spanner
- Material: Heat treated and tempered Chrome Molybdenum Alloy Steel
- Application: Suitable for most VW, Audi vehicles

ITEM NO.	SIZE (mm)	B (mm)	C (mm)	ØD (mm)	L (mm)	Applicable	6	144
JEAJ0122	15x3.6	4.8	3.6	15	44	Most VW, Audi vehicles	6	144

20PCS Universal Shock Absorber Strut Nut Tool Kit

- A comprehensive set includes various shock absorber sockets and tools to remove and install turnbuckle & adjust the tension on shock absorber for most vehicles
- Application: VW, Audi, Austin, Mercedes-Benz, Honda, Fiat, Seat, Ford, Rover, Opel, Peugeot, Renault, Citroën, Chrysler, Volvo, Nissan, BMW and etc.



ITEM NO. GZC2008

CONTENTS

- 1 JEAJ0204
Strut Nut Socket (for Austin Maestro)
Internal Ø14.5mm with 3mm Pin
- 1 JEAJ0205
Strut Nut Socket (for Mercedes-Benz W203 (C-class) / W209 (CLK))
Internal Ø14mm with 2.5mm Pin
- 6 JEBJ0117~0124
Special Long Reach Sockets
17, 18, 19, 21, 22, 24mm
- 4 JEAJ015B~0108
10mm Hex Shank Internal Slotted Insert Bits
5.2, 6, 7, 8mm (L=92mm)
- 1 JEAJ0211
10mm Hex Shank Female Hexagon Bit Socket
11mm (L=92mm)
- 2 JEAJ0306 & 0307
10mm Hex Shank Male Hexagon Insert Bits
6 & 7mm (L=100mm)
- 1 JEAJ0412
10mm Hex Shank Spline Insert Bit
M12 (L=100mm)
- 1 JEAJ0550
10mm Hex Shank Star Insert Bit
T50 (L=100mm)
- 3 AOAF1010~2222
72 Teeth Pro-Series Ratchet Combination Wrenches
10, 19, 22mm

5 (SET)

PLASTIC BOX: W373 x D289 x H56 (mm)

20PCS Universal Shock Absorber Strut Nut Tool Kit

KIT CONTENT

Part No.	Size	Description & Application
JEAJ0204	14.5x3mm	Strut Nut Socket Austin Maestro
JEAJ0205	14x2.5mm	Strut Nut Socket Mercedes-Benz W203 (C-class) / W209 (CLK)
JEBJ0117	17mm	Special Long Reach Socket Ford, VW, Audi, Seat, Fiat
JEBJ0118	18mm	Special Long Reach Socket Ford, VW, Audi, Seat, Rover, Opel, Peugeot, Renault, Japanese Cars
JEBJ0119	19mm	Special Long Reach Socket VW, Audi, Seat, Citroën, Fiat, Opel, Peugeot, Toyota
JEBJ0121	21mm	Special Long Reach Socket Mercedes-Benz W203, Chrysler, VW, Audi, Japanese Cars, Ford
JEBJ0122	22mm	Special Long Reach Socket VW, Audi, Seat, Citroën, Fiat, Opel, Peugeot, Renault, BMW
JEBJ0124	24mm	Special Long Reach Socket Volvo
JEAJ015B	DD 5.2mm	10mm Hex Shank Internal Slotted Insert Bit VW, Audi, Nissan
JEAJ0106	DD 6mm	10mm Hex Shank Internal Slotted Insert Bit VW, Audi, Renault
JEAJ0107	DD 7mm	10mm Hex Shank Internal Slotted Insert Bit VW, Audi, Seat, Fiat
JEAJ0108	DD 8mm	10mm Hex Shank Internal Slotted Insert Bit Seat, Fiat
JEAJ0211	OH 11mm	10mm Hex Shank Female Hexagon Bit Socket Japanese Cars
JEAJ0306	6mm	10mm Hex Shank Male Hexagon Insert Bit Seat, Fiat, Citroën, Peugeot, Ford, Opel, Renault, Japanese Cars, BMW
JEAJ0307	7mm	10mm Hex Shank Male Hexagon Insert Bit VW, Audi, Seat, Fiat, Citroën, Peugeot, Mercedes-Benz W203, Renault
JEAJ0412	M12	10mm Hex Shank Spline Insert Bit Opel, Vauxhall
JEAJ0550	T50	10mm Hex Shank Star Insert Bit Nissan, Ford
AOAF1010	10mm	72 Teeth Pro-Series Ratchet Combination Wrenches
AOAF1919	19mm	
AOAF2222	22mm	

Multi-Purpose Inner Tie Rod Tool

CR-MO



- The master tie rod tools are specially designed to easily replace inner tie rod ends without disassembling the rack and pinion
- Operated with 1/2 inch square drive hand tools

ITEM NO.	CAPACITY (mm)		
JEAH0142	33 - 42	10	40

Inner Tie Rod Tool



No impact / power drive.



- Designed to easily remove the worn axial joint on the tie rod ends and quickly install the new tie rods
- Special inner head design with roller wheels grips tie rod ends firmly
- Long and hollow construction goes through the tie rods
- Use with 27mm spanner or 1/2" square drive tools
- Mainly applicable for European and Japanese small vehicles

ITEM NO.	CAPACITY Ø (mm)	L (mm)	
JEAH0245	35 - 45	400	10

Lower Ball Joint Socket (For Citroën / Peugeot Vehicles)

CR-MO



- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Designed for loosening & tightening the screw-fitted ball joint
- 35mm Hex drive with 19mm internal clearance
- Location pegs fit into slots cut in the ball joint flange
- Suitable for Citroën and Peugeot 405

ITEM NO.	L (mm)	Inner diameter Ø (mm)	Outer diameter Ø (mm)	Pin width (mm)		
JEBQ0505	45	42.5	51	4.9	6	72

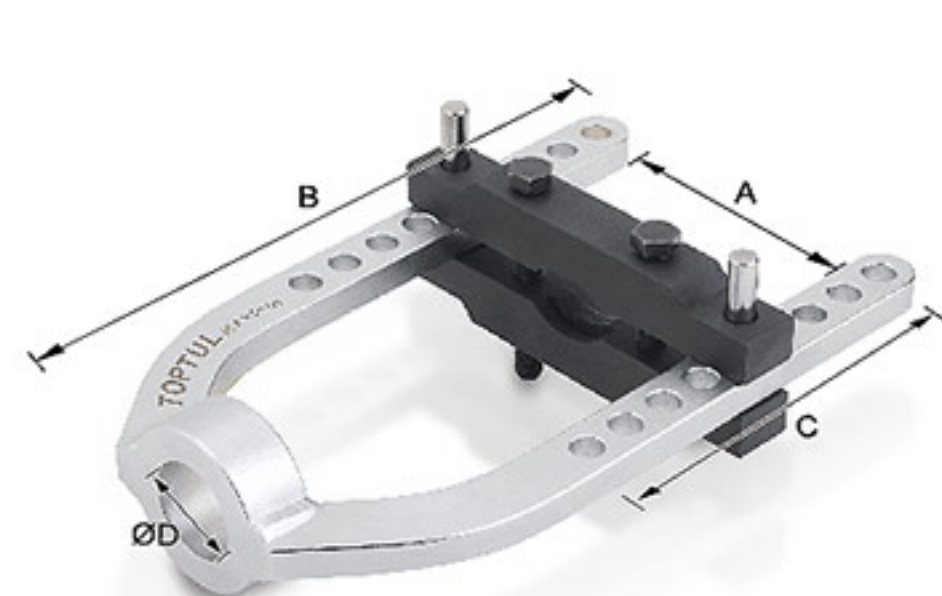
Front Wheel Drive Axle Puller (Steel Cable Type)



ITEM NO. JEAG0198

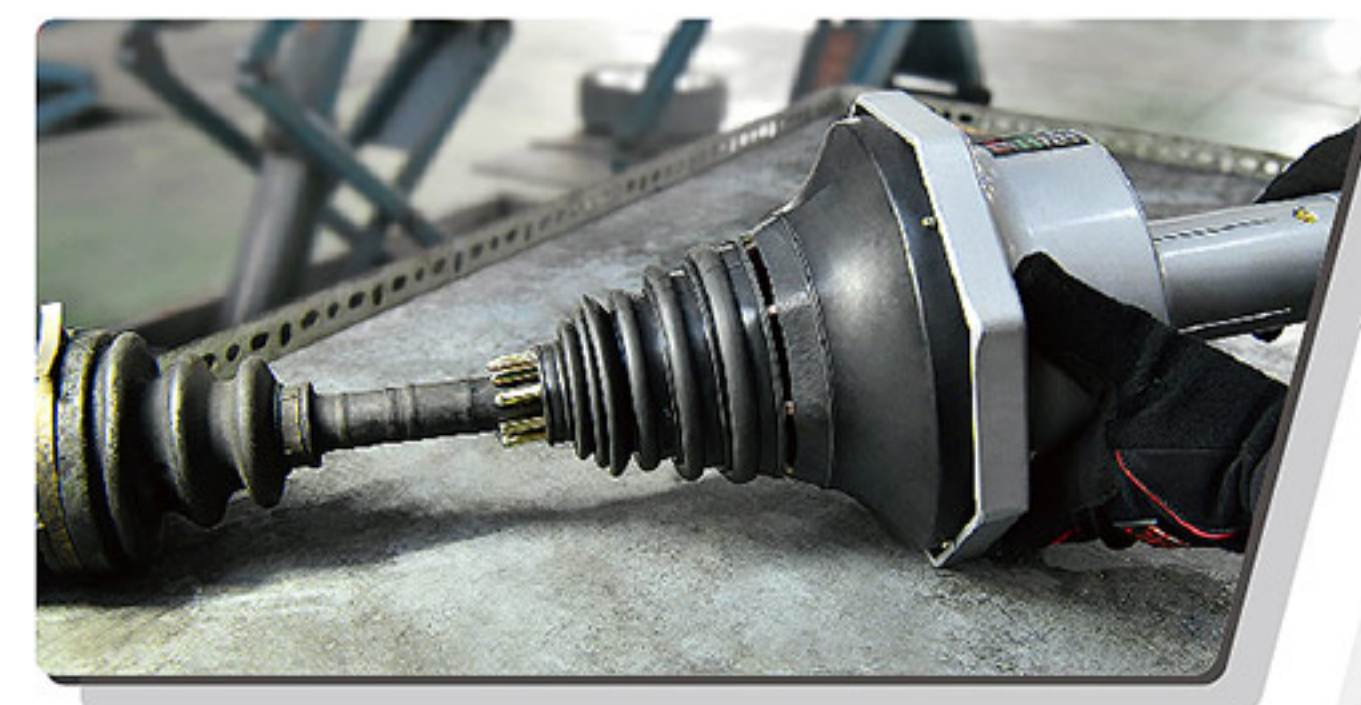
- Specially designed tool for the quick removal of axle assembly
- Adjustable steel cable clips onto the axle tightly and pulls out the axle easily by using the slide hammer
- Heavy duty slide hammer with long sliding distance for powerful pulling force
- Maximum steel cable diameter: 100mm I.D.
- Overall length: 980mm

Universal CV Joint Removal Puller



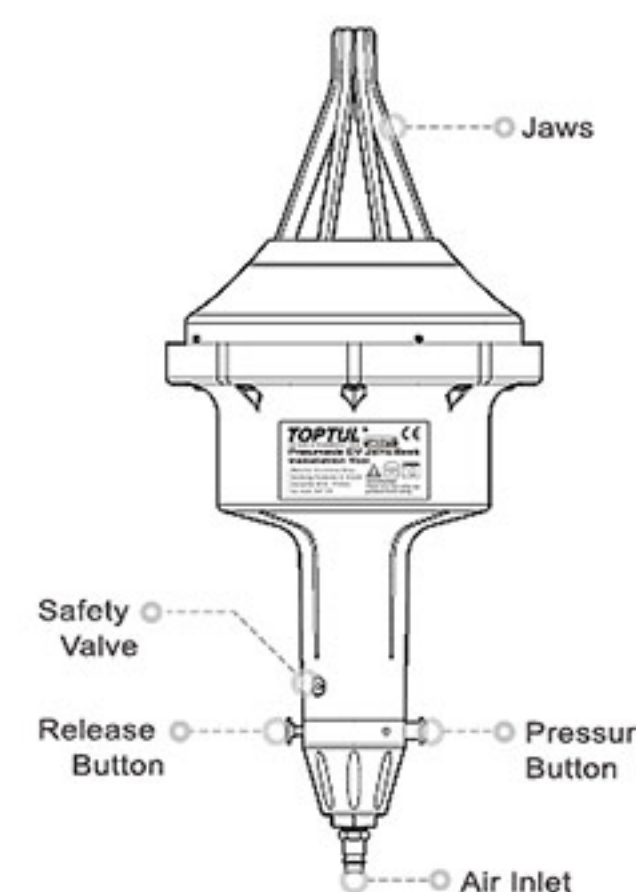
- Specially designed tool for the quick removal of CV joint without damaging the joint
- Adjustable clamping positions for drive shaft
- Extra wide frame for larger joints
- Suitable for most vehicles

ITEM NO.	A (mm)	B (mm)	C (mm)	ØD (mm)	
JEAX0101	105	250	145	32	8



Pneumatic CV Joint Boot Installation Tool

CE



PNEUMATIC CV JOINT BOOT INSTALLATION TOOL



- Specially designed tool to quickly and effectively install flexible CV boots onto drive shaft assembly without dismantling the joint
- Use a compressed air supply to stretch the CV boot and push the boot into the drive shaft
- Lightweight and robust aluminum alloy body
- Easy to operate with integrated safety valve
- No additional lubricant necessary
- Maximum CV joint diameter: 115mm
- Suitable for most universal car axle flexible boots
- Supplied with 2pcs air intake nipples (EU & JP type)

ITEM NO. JEBE0111

SPECIFICATIONS

CV Joint Diameter	20 - 115 mm
Max. Air Pressure	125 PSI (9 BAR)
Working Pressure	72 - 113 PSI (5 - 8 BAR)
Air Inlet	1/4" PT
Overall Length	470 mm
Net Weight	3.5 kgs

TOPTUL Pneumatic CV Joint Boot Installation Tool

Exhaust Hanger Removal Pliers

CR-MO

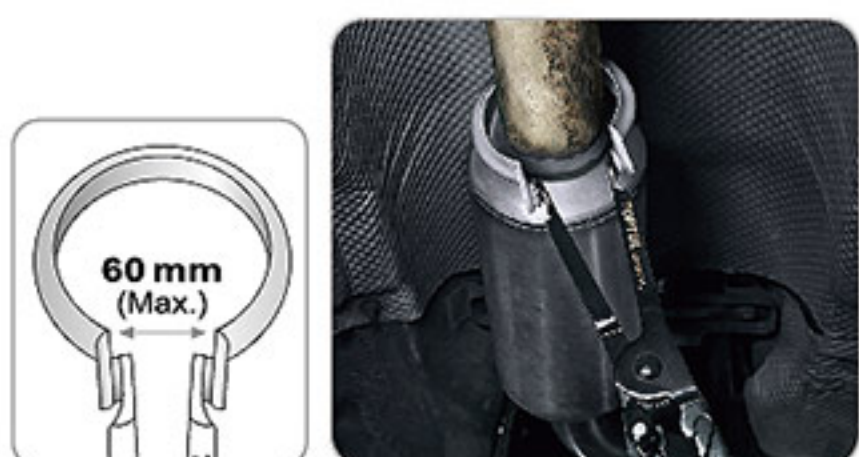


- Specially designed tool for the quick removal of exhaust system rubber type hangers (i.e. tailpipes, mufflers)
- 25 degree offset allows for easy access to confined space
- Self-locating forcing pin firmly locks onto the pin and the flat paddle pulls off the rubber hanger
- Universal design works on a wide range of vehicles
- Jaw opening range from 5 to 55mm

ITEM NO.	LENGTH (mm)		
JEAR2906	285 (11")	12	36

Exhaust Clamp Pliers

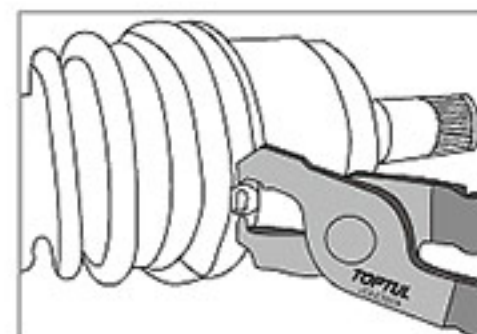
CR-MO



- Designed to remove and install exhaust clamps
- Special shaped tips and ratchet locking mechanism holds the clamp securely
- Suitable for Citroën, Peugeot, Renault exhaust clamps and etc.

ITEM NO.	Max. Jaw Opening (mm)	Length (mm)		
JDAM0512	60	300 (12")	12	36

CV Boot Clamp Pliers - Earless Type



- Designed to remove and install earless type clamps around the boots
- Works on earless-type clamps, including those found on late model GM inboard CV joints

ITEM NO.	LENGTH (mm)		
JEAE0209	240 (9-1/2")	12	48

CV Boot Clamp Pliers - Ear Type (Extension)



- Designed to crimp or flatten clamp of ear-type CV boot clamps
- Handle design integrated with 1/2" square drive hole for use with a power bar when additional leverage is required

ITEM NO.	LENGTH (mm)		
JEAE0509	240 (9-1/2")	12	36

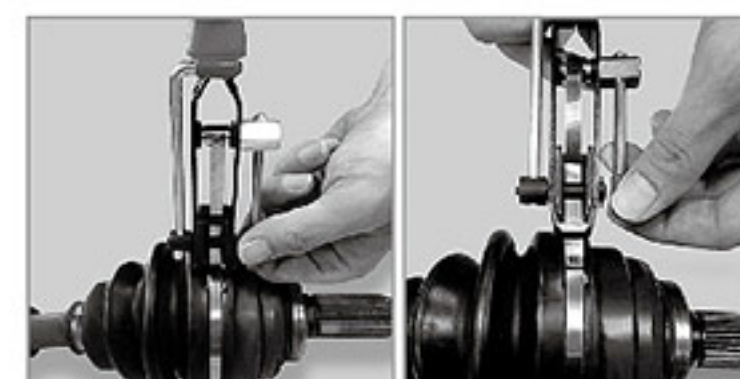
CV Boot Clamp Pliers - Ear Type



- Designed to crimp the ear-type CV boot clamps used on front-wheel drive vehicles
- Also suitable for crimping the type of clamps used on fuel, cooling systems and vacuum hoses
- Clamping pliers with a center pushing feature for no sticking up of the ears during the press process
- Application range: CV boots, coolant and fuel hoses for Volkswagen, Audi, Opel, BMW, Mercedes-Benz, Honda, Nissan, Mazda and etc.
- Max. Opening: 20 mm

ITEM NO.	LENGTH (mm)		
JEAE0310	265 (10-1/2")	12	48

C.V. Joint Banding Tool (with Cutter)

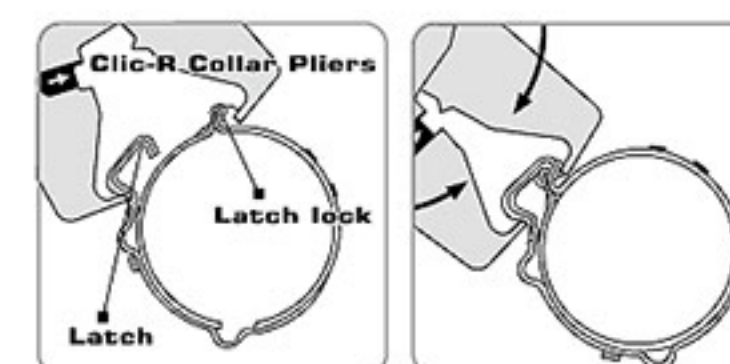


- Use to install and tighten the band-it and strap style clamp on CV joint boots, power steering rack and pinion steering gear boots
- Bands are installed into the tool and tightened by turning the tool handle
- Use a 1/2" socket / wrench or by hand to wind the band until sufficient tension is applied
- When boot clamp has been tightened to specs, the built in cutter cuts the band by flipping tool lever (at the front of the tool) forward
- Easy to remove the tool by sliding sideways after the band is tightened

ITEM NO.	LENGTH (mm)		
JEAE0423	230 (9")	20	60

Clic-R Collar Pliers

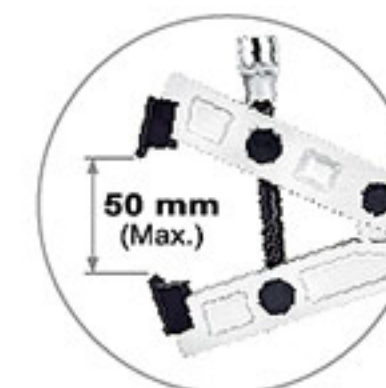
CR-MO



- For releasing and refitting the new style Clic and Clic-R reusable hose clamp clips
- Spring actuated joint, soft grip handles

ITEM NO.	LENGTH (mm)		
JEAE0107	180 (7")	12	72

Heavy Duty CV Boot Clamp Pliers



- Heavy duty construction made of robust cast steel
- Specially hardened and machined jaws
- For fitting new stainless steel clamp-bands on drive-shafts where a torque setting is specified
- Can also be used by hand with a 3/8" drive standard ratchet when a specific torque setting is not required
- Ergonomically shaped handle
- Application: VW, Audi, Seat, Škoda, Opel, Vauxhall, Ford and etc.
- Max. Jaw Opening: 50mm

ITEM NO.	Max. Jaw Opening (mm)	Length (mm)		
JEAE0628	50	278 (11")	5	20



TOPTUL AUTO TOOLS

Ball Joint Separator

CR-MO



- Drop forged steel body and bolt for long and rough usage
- Suitable for most small cars and light vans

ITEM NO.	Jaw Size (mm)	Max. Jaw Opening (mm)	L (mm)	
JEAB0116	19	50	160	20

Universal Ball Joint Separator

CR-MO



- Drop forged steel body and bolt for long and rough usage
- Special design two stage operation provides 30mm & 55mm maximum opening
- Suitable for most small cars and light trucks ball joints in steering and suspension

ITEM NO.	Jaw Size (mm)	Max. Jaw Opening (mm)	L (mm)	
JEAB0216	22	55	160	10

Universal Ball Joint Separator

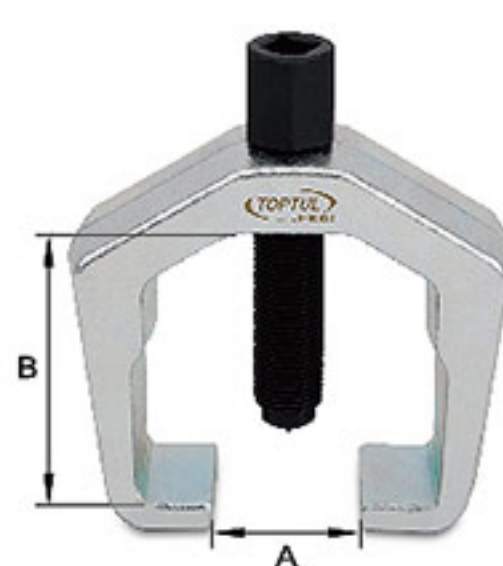
CR-V



- For splitting track-rod ends, anti-roll bar mountings, ball joints and etc.

ITEM NO.	Jaw Size (mm)	Max. Jaw Opening (mm)	L (mm)	
JEAB0505	22	50	100	30

Pitman Arm Puller

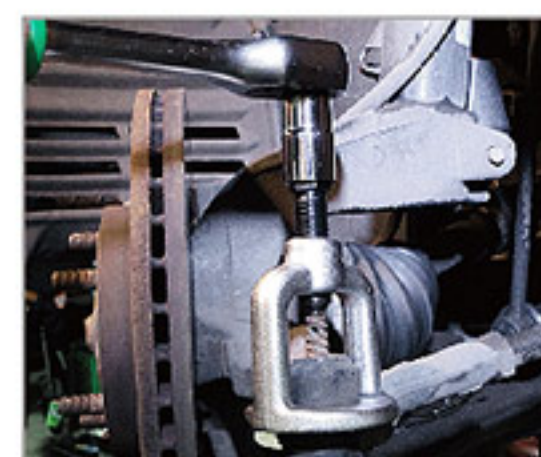
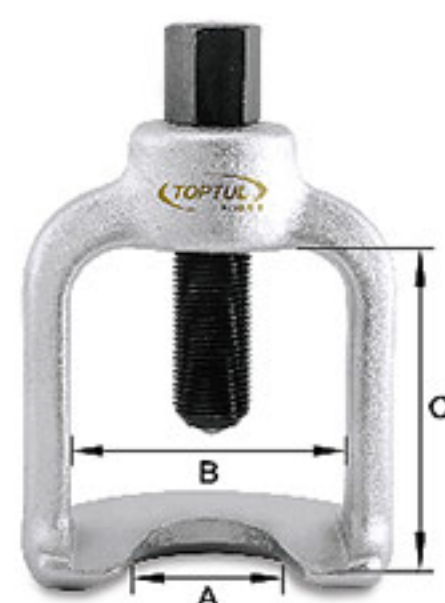


- Drop forged steel body and bolt for long and rough usage
- Designed to remove tie rod ends and pitman arm assemblies from most car and light trucks

ITEM NO.	Jaw Size A (mm)	B (mm)	(mm)	(mm)		
JEAB0833	33	64	5/8"-18 UNF x 86	19	6	24

Ball Joint Separator

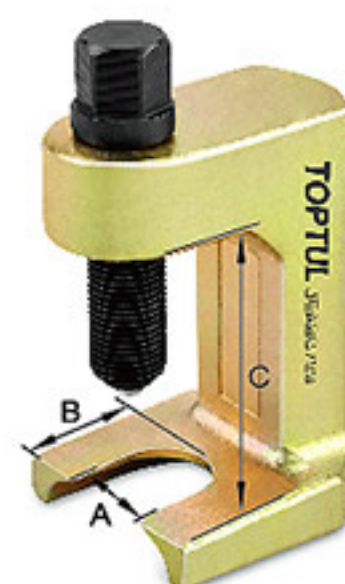
CR-MO



- Drop forged steel body and bolt for long and rough usage
- Suitable for splitting track rod ends, anti-roll bar mountings, steering ball joints and etc.

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	(mm)	(mm)	
JEAB0618	18	36	38	M14 x 1.5 x 50	17	48
JEAB0623	23	45	47	M16 x 1.5 x 70	17	12
JEAB0629	29	62	65	M18 x 1.5 x 90	19	12
JEAB0640	40	63	76	7/8"-14 UNF x 135	24	12
JEAB0646	46	76	100	7/8"-14 UNF x 135	24	12

Ball Joint Separator

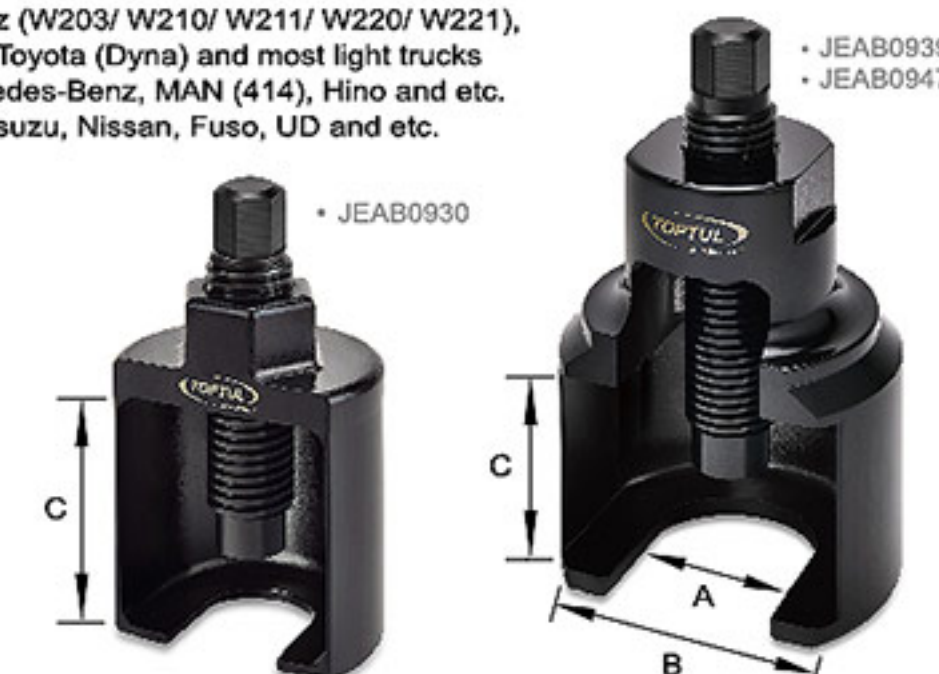


- Drop forged steel body and bolt for long and rough usage
- Suitable for splitting track rod ends, anti-roll bar mountings, steering ball joints and etc.

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	(mm)	(mm)	Applicable	
JEAB0723	23	25	55	M16 x 1.5 x 50	17	Audi, BMW, Citroën, Ford, Opel, Mercedes-Benz, Peugeot, Renault, Rover, Saab, Volvo, VW etc.	24
JEAB0728	28	25	55	M16 x 1.5 x 50	17	Audi A4/A6/A8, VW, Passat ab '97 etc.	24

Truck Ball Joint Separator

- Made of robust Chrome Molybdenum Alloy Steel
- Specially designed for separating the tie rod and knuckle arm
- Quick and safe release of the ball joint by turning the spindle bolt without damage
- Use with a wrench or socket
- Can also be used with impact wrench
- Suitable for commercial vehicles and light trucks
- Applications:
30mm for BMW (E39), Mercedes-Benz (W203/ W210/ W211/ W220/ W221), Mitsubishi (Delica, Canter), Toyota (Dyna) and most light trucks
39mm for 4 tons trucks: Scania, Mercedes-Benz, MAN (414), Hino and etc.
47mm for 8.8-10.5 tons trucks: Hino, Isuzu, Nissan, Fuso, UD and etc.



ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	(mm)	(mm)	
JEAB0930	30	57	61	M22 x 3.0 x 77	17	6
JEAB0939	39	79	58	M26 x 3.0 x 108	19	6
JEAB0947	47	79	58	M26 x 3.0 x 108	19	6

Truck Ball Joint Separator

- Made of robust Chrome Molybdenum Alloy Steel
- Specially designed for separating the tie rod and knuckle arm
- Quick and safe release of the ball joint by turning the spindle bolt without damage
- Puller body with window for clear viewing of alignment
- Use with 3/4" square drive tool
- Can also be used with impact wrench
- Suitable for most heavy-duty trucks
- Applications:
58mm for European truck: Scania and etc.
62mm for 15-35 tons trucks and buses: Hino, Isuzu, Nissan, Fuso and etc.
67mm for MAN (FE410A/ FE414) and etc.



ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	(mm)	Drive	
JEAB0958	58	99	78	M42 x 3.0 x 109	3/4"	6
JEAB0962	62	99	78	M42 x 3.0 x 109	3/4"	6
JEAB0967	67	99	78	M42 x 3.0 x 109	3/4"	6

Fork Type Ball Joint Separator

CR-MO



- Drop forged, hardened and tempered one piece construction for long lasting strength and durability
- Designed to remove ball joint from steering knuckles on most cars and light trucks
- Extra-long fork for better leverage

ITEM NO.	Fork Opening (mm)	L (mm)		
JEAB0330	24	300	10	20
JEAB0440	18	400	10	20

Wishbone Lever Tool



- Made of hardened special tool steel for maximum strength
- Designed for pulling down the wishbone in order to disassemble the hub joint
- This tool pulls and holds down the lower suspension arms to allow separation of the hub from the lower arms
- Sliding groove allows to adjust 5 different snap position to suit different model of car and work easily
- Ideal for use when disassembling the drive shaft, replacing the gaiter or exchanging the wheel bearings
- Easy to operate by one person
- Suitable for most cars and light commercial vehicles

ITEM NO.	Length (mm)	Tube Diameter (mm)	
JEAU0111	1140	32	4

15PCS Multi-Steering Knuckle Spreader Tool Set



ITEM NO. JGAI1501 12 (SET)

- Suitable for removal and refitting of shock absorbers without the risk of damage to the aluminum or cast iron knuckle
- For steering knuckles with either a centralized slot or a non centralized slot
- Designed for twin ball joints as fitted to Audi and VW control arms
- Application for most vehicles such as Audi, BMW, Citroën, Ford, Peugeot, Renault, Seat, Škoda, VW and etc.

BLOW CASE: W195 x D140 x H40 (mm)

Slide Hammer Puller Set

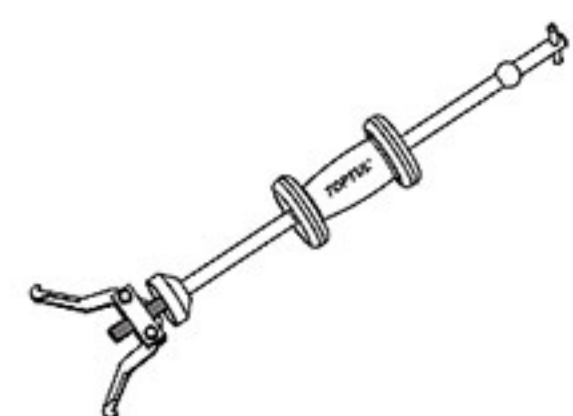


ITEM NO. JGA11303

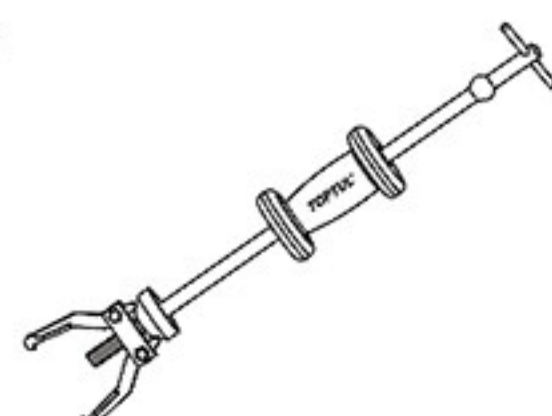
2 (SET)

• **Features:** Most commonly used tool set to pull and remove flange type rear axles, oil seals, bearings and press-fit parts. Multi-functional to work as external 3-jaw puller, internal 3-jaw puller, external 2-jaw puller, internal 2-jaw puller, rear axle puller, dent puller, puller hook and grip wrench adapter to suit different pulling and removing jobs

BLOW CASE: W600 x D210 x H100 (mm)



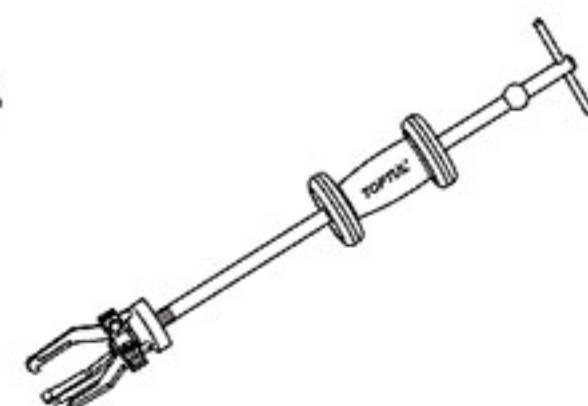
Internal 2-Jaw Puller



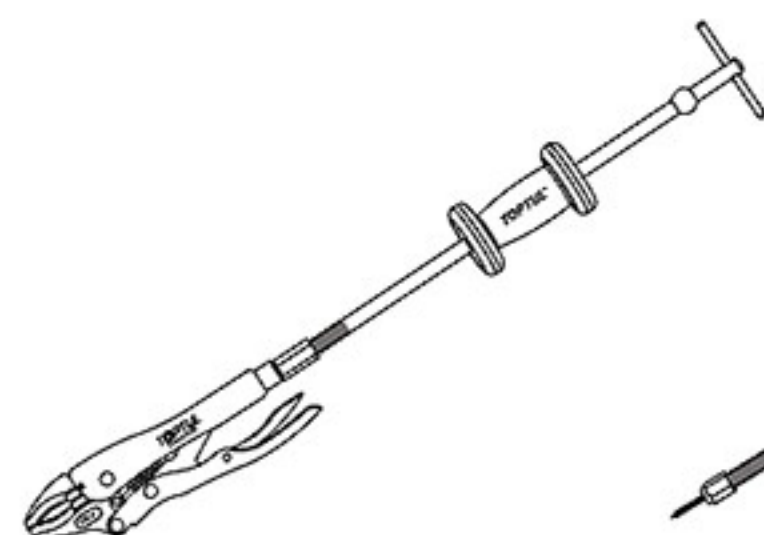
External 2-Jaw Puller



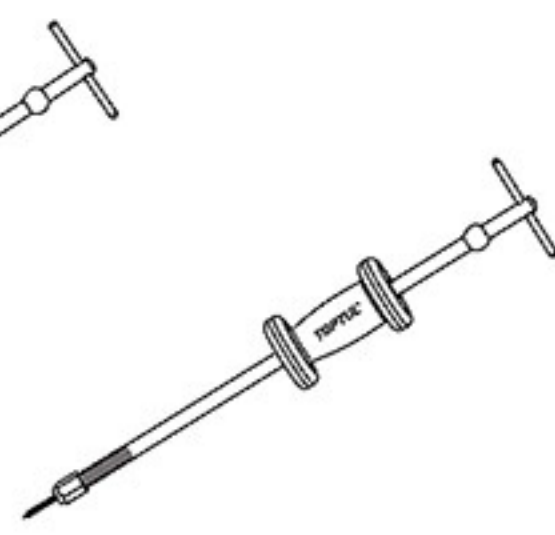
Internal 3-Jaw Puller



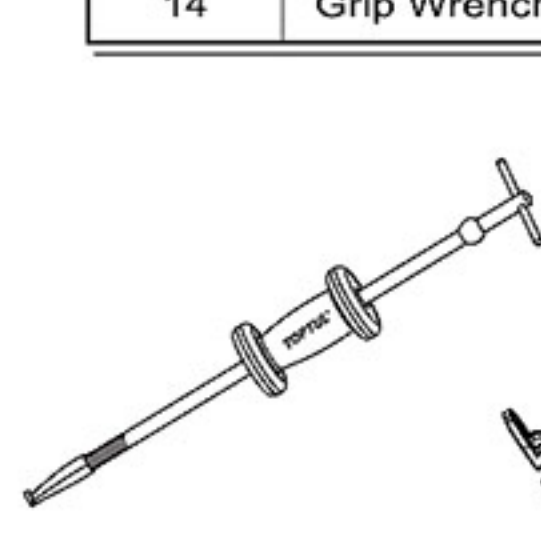
External 3-Jaw Puller



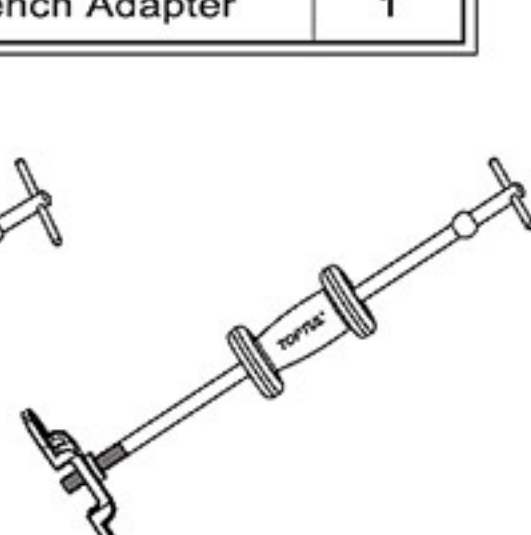
Grip Wrench Adapter



Dent Puller



Puller Hook



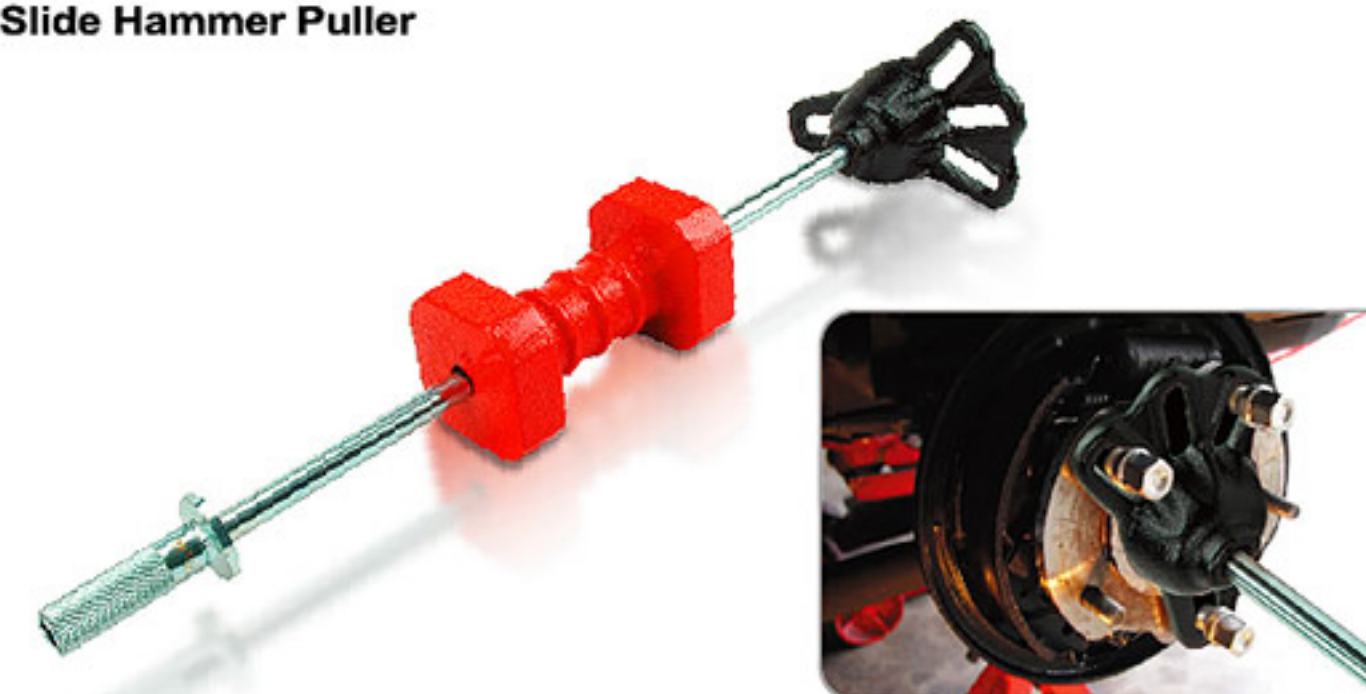
Rear Axle Puller

KIT CONTENT



Part No.	Description	Q'ty
1	T-Bar	1
2	Hammer	1
3	Axle Puller	1
4	Deep Axle Puller	1
5	Cone	1
6	2-Jaw Head	1
7	3-Jaw Head	1
8	Nut & Bolt	3
9	Jaw	3
10	Attachment	1
11	Screw	1
12	Hook	1
13	Centre Screw	1
14	Grip Wrench Adapter	1

Hub Slide Hammer Puller



ITEM NO. JEA10167

1

Features:

Pulls and removes flange-type rear axles on most late model passenger cars and light trucks. Designed to work on axles with bolts and studs up to 9/16" diameter. Fits 4 & 5-bolt pattern hub, stud circle diameter range from 4" - 6". Heavy duty slide hammer action with 10 lbs (4.5 kgs) hammer for tough pulling jobs

Wheel Balancing Weight Pliers with Invisible Spring

CR-V

- Made of drop forged Chrome Vanadium Alloy Steel
- Tempered and hardened steel construction for maximum strength and durability
- Specially designed for installing, removing and cutting balance weights on the tire rims
- This tool allows users to pinch, pry and hammer weights onto the inner surface of rims with ease
- Also suitable for expanding and compressing the retaining springs on balance weights
- Handle end is capable of discharging air or removing hub caps
- Invisible spring-loaded design for easy opening and reducing hand fatigue
- Non-slip plastic coating for comfortable and firm grip
- Universal application of all wheel weights for passenger cars, SUVs, trucks and etc.



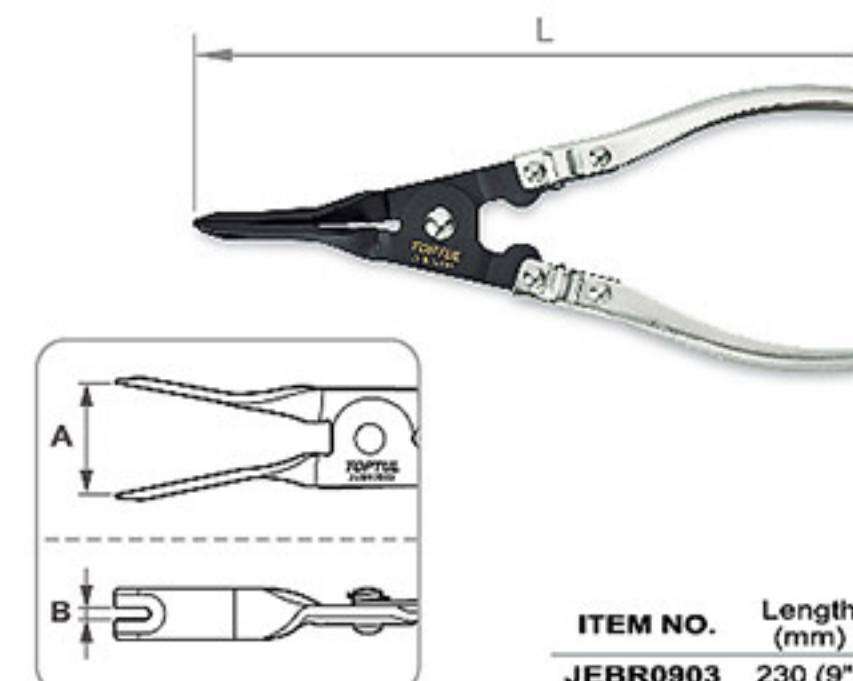
ITEM NO. JEA1010
LENGTH (mm) 250 (10")

10 40

Handbrake Cable Spring Pliers

CR-MO

- Suitable for disassembly and assembly of the handbrake cable on the brake shoes of drum brakes
- For compression of the retaining spring on the handbrake cable
- Spring loaded pliers handles for ease of use
- Made of heat treated, durable Chrome Molybdenum Steel
- Application: VW, Audi, BMW, Citroën, Nissan, Peugeot, Renault, Rover, Seat and etc.

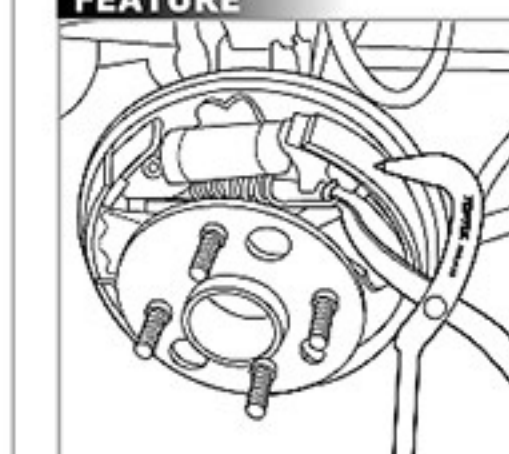


ITEM NO. JEBR0903
Length (mm) 230 (9")
Max. Jaw Opening A (mm) 34
Gap Width B (mm) 3.5
12 72

Brake Spring Pliers



FEATURE



- Use to remove and install shoe return springs on most drum brakes
- Special socket end design removes spring from anchor stud, notched end and installs spring on anchor

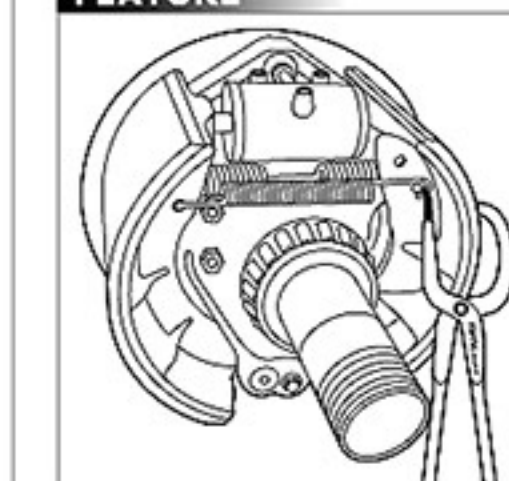
Satin Finished

ITEM NO. JDAL0133
LENGTH (mm) 325 (12-3/4")
6 48

Brake Spring Pliers



FEATURE



- Use to remove and install brake shoe retaining springs
- Large jaw opening allows servicing of wider brake shoes
- Robust structure design allows to work on drum brakes for medium-duty or heavy-duty vehicles
- Extra long knurled handles provide extra leverage for the toughest jobs
- With replaceable spring hooks

Satin Finished

ITEM NO. JDAL0452
LENGTH (mm) 520 (20-1/2")
3 12

Brake Drum Wear Gauge

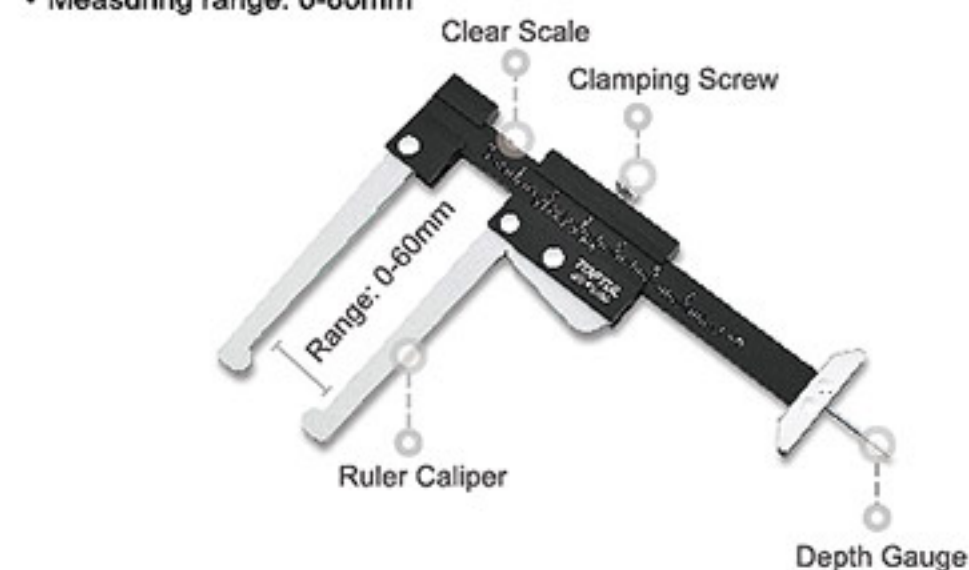
- Specially designed tool to measure drum wear to ensure it is within manufacturer's tolerance
- Caliper for accurate and reliable measurement of drum diameter
- Also assists with the set-up of shoe/drum clearance prior to re-installation of drum
- Clamping screw to easily retain reading
- Dual metric and imperial scale
- Suitable for most vehicles equipped with drum brakes
- Measuring range: 165-360mm (6-1/2" to 14-1/4")



ITEM NO.	Measuring Range (mm)		
JEHF1736	165-360 (6-1/2" to 14-1/4")	6	36

Brake Disc & Tire Depth Gauge

- Suitable for measuring the thickness of brake disc and tire depth
- Clamping screw to easily retain reading
- Special jaw release mechanism allows reading of the brake disc to be retained without releasing the clamping screw
- Compact size allows for access in tight spaces
- Metric scale with 0.1mm graduations
- Made of Aluminum
- Measuring range: 0-60mm



ITEM NO.	Measuring Range (mm)		
JEFF0160	0 - 60	24	240

8PCS Brake Pad Thickness Gauge

- Sturdy constructed steel plate with powder coated finish for extra strength and durability
- Designed to quickly measure brake pad lining wear without removing the caliper
- Dual marked blades for both metric and imperial measurements
- Color coded for easy identification, Red (2 & 3 mm) Danger, Yellow (4, 5, 6 mm) Caution, Green (8, 10, 12 mm) Safe
- Quickly and accurately determine the remaining life of brake linings



ITEM NO.	CONTENTS		
JEGF0212	- Red Blade 2 & 3 mm (0.0787" & 0.1181") - Yellow Blade 4, 5, 6 mm (0.1575", 0.1969", 0.2362") - Green Blade 8, 10, 12 mm (0.3150", 0.3937", 0.4724")	12	48

Digital Tire Tread Depth Gauge

- Suitable for measuring the tire tread depth
- Unit of measure in mm or inch, can be converted at any time with one button
- Easy to read LCD display (digital height 7.5mm)
- Auto-on and 5 minutes auto-off, extending battery life
- Lightweight and durable
- Operating Temperature: 0 - 40°C (32 - 104°F)
- Power Supply: LR44 or SR44 Battery x 1 pc (included)



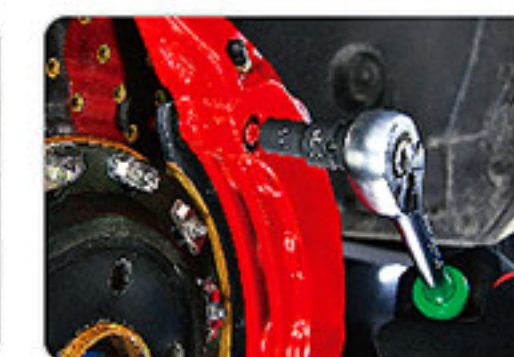
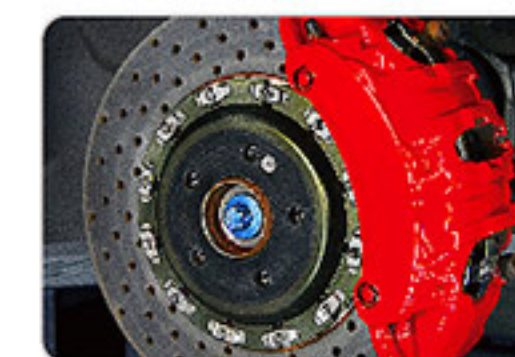
- Depth Measuring Probe



ITEM NO.	Measuring Range (mm)	Resolution (mm)		
JEBM0125	0 - 25.4 (0 - 1")	0.01 (0.0005")	25	100

Brake Caliper Sockets

- Specially made brake caliper sockets dedicated to Audi, Porsche, Volkswagen and other vehicles
- Ideal for the assembly and disassembly of the brake caliper
- Precision machined socket drive perfectly fits caliper bolts
- Manufactured from robust Chrome Molybdenum Alloy Steel
- Manganese phosphate finish provides better wear resistance



DRIVE	TYPE	ITEM NO.	SIZE (mm)	L (mm)	Applicable		
3/8"	10PT	JEBV1215	15	30	Audi Q7, S8, Porsche Macan, Cayenne, Cayman & etc.	35	280
10mm sq.	7PT	JEAV1614	14	50	Audi A5, A6L, Q5, Q7, S4 & etc.	20	160
		JEAV1622	22	47.5	Audi S5 & etc.	15	120
1/2"	10PT	JEBV1612	11.5	50.5	Porsche, VW, Audi, M.B. & etc.	25	200
12.5mm sq.		JEBV1620	20	38	Audi A8, S6, Porsche Cayenne & etc.	20	160

5PCS 3/8" & 1/2" DR. Brake Caliper Socket Rail Set

- Specially made brake caliper sockets dedicated to Audi, Porsche, Volkswagen and other vehicles
- Ideal for the assembly and disassembly of the brake caliper
- Application: 14mm x 7PT - Audi Q7, Q5, S4, A5, A6L and etc.
- 22mm x 7PT - Audi S5 and etc.
- 11.5mm x 10PT - Porsche, VW, Audi, M.B. and etc.
- 15mm x 10PT - Audi Q7, S8, Porsche Macan, Cayenne, Cayman and etc.
- 20mm x 10PT - Audi A8, S6, Porsche Cayenne and etc.

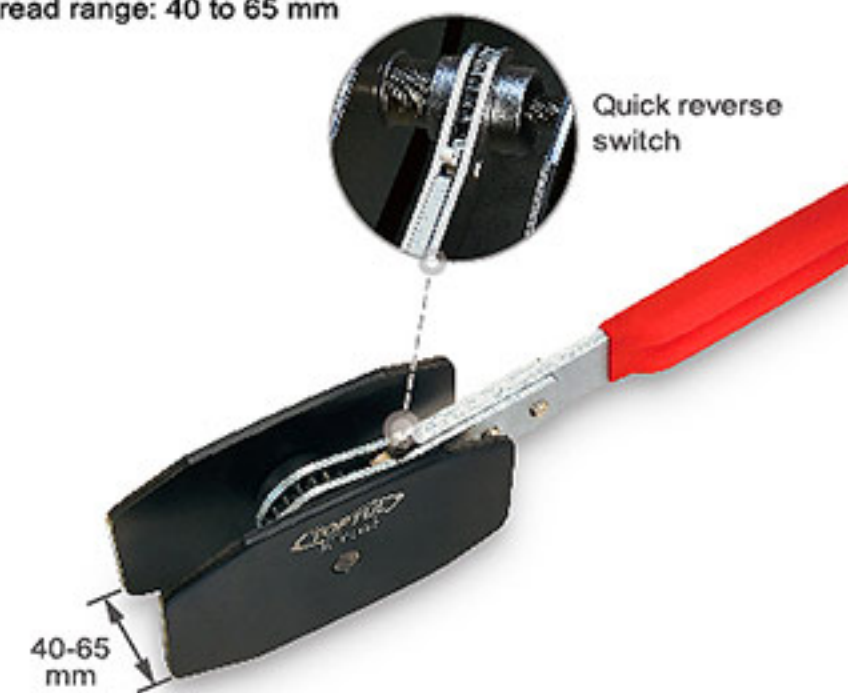


ITEM NO.	SIZE (mm)	L (mm)	Applicable		
JEAV1614	14	50	Audi A5, A6L, Q5, Q7, S4 & etc.	20	160
JEAV1622	22	47.5	Audi S5 & etc.	15	120
JEBV1612	11.5	50.5	Porsche, VW, Audi, M.B. & etc.	25	200
JEBV1620	20	38	Audi A8, S6, Porsche Cayenne & etc.	20	160

ITEM NO.	SIZE (mm)	L (mm)	Applicable		
GAAG0503	1/2" DR. Brake Caliper Socket (7PT x 14mm)				
	1/2" DR. Brake Caliper Socket (7PT x 22mm)				
	1/2" DR. Brake Caliper Socket (10PT x 11.5mm)				
	1/2" DR. Brake Caliper Socket (10PT x 20mm)				
	3/8" DR. Brake Caliper Socket (10PT x 15mm)				

Ratchet Brake Piston Spreader

- Specially designed to reset brake pistons without damaging seals, pistons and cylinders
- Featuring a 360° rotating design and reversible operation, allowing the piston to be pushed back from any angle and position
- Double-sided steel plate with centrally located ratchet evenly spreads force in a parallel manner to prevent misalignment of pistons
- Quick reverse switch enables easy reversal from spreading to retracting
- Ideal for use on single, twin and quad piston fixed or floating type calipers
- Steel plate size: 116(L) x 60(W) mm
- Spread range: 40 to 65 mm



ITEM NO.	CAPACITY (mm)	LENGTH (mm)	
JEIF0427	40-65	275	20

Disc Brake Piston Spreader



- Designed to retract the brake piston to allow insertion of new brake pads
- Easy to compress brake pistons on single or multi-piston calipers
- Swivel style knurled handle for improved grip and use in restricted areas
- Suitable for most vehicles including light trucks
- Maximum spread: 70mm (2-3/4")

ITEM NO.	CAPACITY (mm)	
JEAF0107	0 - 70 (0 - 2-3/4")	18

3PCS Brake Caliper Rewind Tool (Right-Hand Thread)

- Designed for rewinding brake piston with right-handed thread
- Fitted for most European and Japanese Cars with right-handed thread
- Expert quality, complete with reaction plate and double sided adapter
- Double sided adapter:
Front side:
(22mm centers / 6mm diameter pins (approx.))
Alfa Romeo, Audi, Citroën, Fiat, Ford, Honda, Jaguar, Nissan, Peugeot, Renault, Rover, Saab, Seat, Subaru, VW, Volvo and etc.
Back side:
(33mm centers / 6mm diameter pins (approx.))
Ford, Mazda, Mitsubishi, Toyota and etc.



ITEM NO.	CONTENTS		
JGAR0304	1 Right-hand threaded rewind tool with T-handle 1 Reaction plate 1 Double sided brake piston adapter	5	30

Pneumatic Caliper Disc Brake Wind Back Tool

- Designed to wind back brake caliper pistons when servicing brake calipers or replacing brake pads
- Air supply ram applies pressure to adjust the caliper piston easily while the handle is rotated by hand
- For left and right handed threaded brake caliper piston rewind
- Easy operated, applies in workshop by standard air supply system
- Suitable for most pin type adapters



ITEM NO.	Air Pressure	Air Inlet	Type		
JEBF0226E	5 - 8 BAR	1/4" PT	EU	5	10
JEBF0226J	5 - 8 BAR	1/4" PT	JP	5	10



PNEUMATIC CALIPER DISC
BRAKE WIND BACK TOOL SET

18PCS Pneumatic Caliper Disc Brake Wind Back Tool Set



- Design to adjust and wind back pistons into caliper when servicing brake calipers or replacing brake pads
- Air supply ram applies pressure to adjust the caliper piston easily while the handle is rotated by hand
- Easy operated, applies in workshop by standard air supply system
- With magnetic pad to hold adapters in place
- Multipurpose tool set with mostly completely range of 17 adapters for brake assembly
- Suitable for Mercedes-Benz, BMW, Audi, VW, Opel, Volvo, Jaguar, Citroën, Fiat, Peugeot, Alfa Romeo, Saab, Lancia, Toyota, Honda, Nissan, Mitsubishi, Isuzu, Mazda, Subaru, GM, Ford, Rover and etc.

ITEM NO.	CONTENTS		
JGA1804	1 Pneumatic caliper disc brake wind back tool (Air Pressure: 5-8 BAR; Air Inlet: 1/4" PT) European Type (Item No. JGA1804E) Japanese Type (Item No. JGA1804J) 17 Brake piston adapters	5 (SET)	

BLOW CASE: W350 x D306 x H87 (mm)

4PCS Right & Left Hand Thread Brake Caliper Rewind Tool



- Double-ended design for retracting right and left-handed rear caliper pistons
- For quick and efficient winding of brake pistons with RH & LH threads
- Ideal for resetting the brake piston when replacing the brake pads
- Suitable for most vehicles

ITEM NO.	CONTENTS		
JGAR0402	1 2 in 1, 3/8" Dr. Right & Left Hand Thread Brake Caliper Rewind Tool 1 Sliding Bar 1 Reaction Plate 1 3/8" Adapter with Magnet	5	20

18PCS Universal Caliper Disc Brake Wind Back Tool Kit



- This tool is designed to wind back brake caliper pistons when servicing brake calipers or replacing brake pads
- Expert Quality, left hand and right hand threaded rewind tools allow the easy return of the brake piston into the caliper to provide clearance for new brake pads
- Suitable for Audi, Ford, Nissan, Alfa Romeo, Saab, Subaru, BMW, Toyota, Jaguar, VW, GM and etc.

ITEM NO.	CONTENTS		
JGA1801	2 Left and right hand threaded rewind tools 1 Reaction plate 15 Brake piston adapters	8 (SET)	

BLOW CASE: W325 x D255 x H50 (mm)

6PCS Right & Left Hand Thread Brake Caliper Rewind Tool Kit



- Universal brake caliper wind back tool for resetting the brake piston when replacing the brake pads
- Double-ended design for retracting right and left hand thread caliper pistons
- Adjustable 2 pin and 3 pin brake piston adapters work on a wide variety of vehicles including electronic park brake calipers
- T-bar handle with non-slip molded grip for improved comfort and control
- Supplied with 3/8" square drive multipurpose adapter

ITEM NO.	CONTENTS		
JGAI0601	1 2 in 1, 3/8" Dr. Right & Left Hand Thread Brake Caliper Rewind Tool 1 Sliding Bar 1 Reaction Plate 1 3/8" Adapter with Magnet 1 2 Pin Adjustable Brake Piston Wind Back Adapter 1 3 Pin Adjustable Brake Piston Wind Back Adapter	10 (SET)	

BLOW CASE: W260 x D170 x H60 (mm)

12PCS Universal Caliper Disc Brake Wind Back Tool Kit



- Designed to wind back brake caliper pistons when servicing brake calipers or replacing brake pads
- Retracts right hand thread caliper pistons
- Includes 10 different piston adapters fit and work on different type of vehicles
- Suitable for Audi, Ford, Alfa Romeo, Saab, BMW, VW, Toyota, Nissan, Subaru, GM and etc.

ITEM NO.	CONTENTS		
JGAI1201	1 Right hand threaded rewind tool 1 Reaction plate 10 Brake piston adapters	10 (SET)	

BLOW CASE: W325 x D255 x H50 (mm)

2 Pin Adjustable Brake Piston Wind Back Adapter



- Adjustable 2-pin adapter fits a wide variety of vehicles with 2 slotted wind-back caliper pistons
- Attached to a 3/8" drive ratchet
- Pin distance between 20 - 35mm

ITEM NO.	DRIVE	PIN	CAPACITY Ø (mm)		
JEBY0235	3/8"	2	20 - 35	10	100

3 Pin Adjustable Brake Piston Wind Back Adapter



- Adjustable 3-pin adapter fits a wide variety of vehicles with 3 slotted wind-back caliper pistons
- Attached to a 3/8" drive ratchet
- Pin distance between 20 - 35mm
- Also suitable for electronic park brake and VAG vehicles

ITEM NO.	DRIVE	PIN	CAPACITY Ø (mm)		
JEBY0335	3/8"	3	20 - 35	10	100

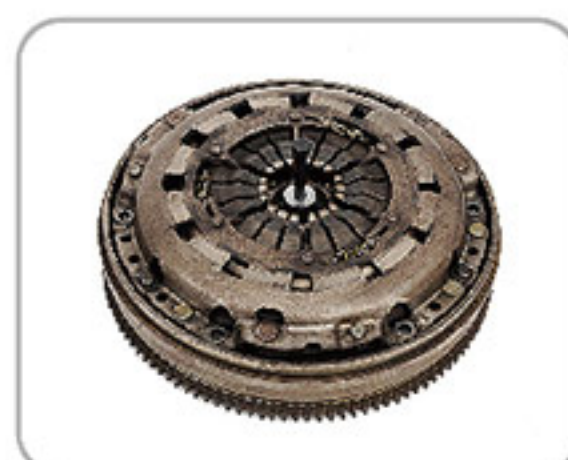
2PCS 2 & 3 Pin Adjustable Brake Piston Wind Back Adapter Set



- Adjustable 2 and 3-pin brake caliper wind back adapter
- Attached to a 2-pin drive tool
- Pin distance between 20 - 35mm
- Suitable for a wide range of vehicles including EPB types

ITEM NO.	CONTENTS		
JGAR0202	1 JEAY0235 2 Pin Adjustable Brake Piston Wind Back Adapter 1 JEAY0335 3 Pin Adjustable Brake Piston Wind Back Adapter	24	48

36PCS Self-Adjusting Clutch Alignment Tool Kit



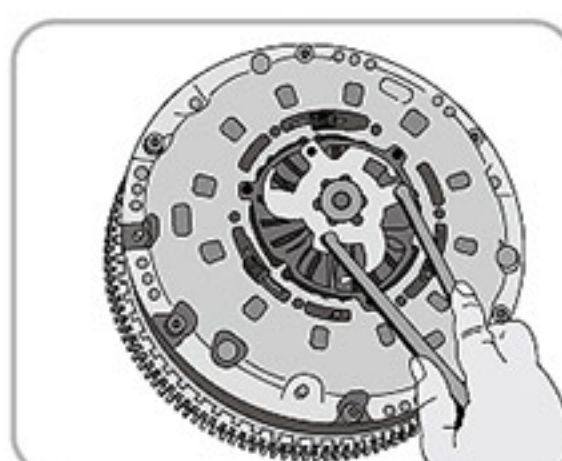
Ten Alignment Adapter



Pretension Clutch



Resetting Tool



Face Spanner (Audi, Seat, Škoda and VW)

ITEM NO. JGAI3601

2 (SET)

- Specialty tool kit designed for easy and damage free removal and installation of self-adjusting clutches (SAC)
- Necessary tools for pre-tensioning self-adjusting clutches before removal or installation
- Evenly applies pressure during fitting and features all necessary tools to complete the clutch replacement without deforming or damaging the clutch plate
- Equipped with a refitting tool, allowing the clutch adjuster to be wound back
- Suitable for VW, Audi, BMW, Mercedes-Benz, Volvo, Opel, Renault, Fiat and etc.
- Kit includes a clamping tool for SAC clutches with 3 and 4 holes pitch, a compression strut, 2 handles for clamping tool, a face spanner, a clutch resetting tool, 10 alignment adapters, 4 threaded bolts, 4 knurled nuts and 4 screws

BLOW CASE: W435 x D400 x H82 (mm)

Universal Clutch Aligner



- Designed to quickly and easily align the clutch and pressure plates before replacing the clutch plate
- Universal tool for centering single plate clutches
- Made of reinforced plastic for maximum durability
- Supplied with 3 different size expanding collects to suit a wide variety of cars and light commercial vehicles
- Size of collects: Ø15-18mm, Ø18-21mm, Ø22-28mm

ITEM NO.	CAPACITY Ø (mm)	12	48
JEAN0131	15 - 28		

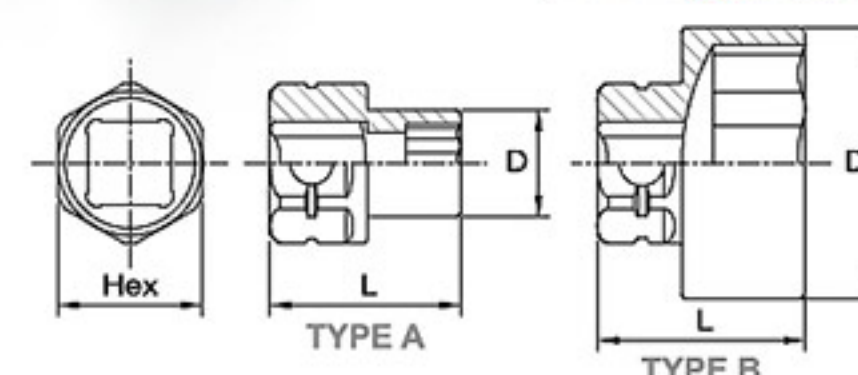


Stubby 6PT Flank Impact Sockets

- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Extra low profile design for use in confined spaces
- Hex shank on the socket for alternative use or increased access with a spanner
- Black phosphate finish for corrosion resistance
- Suitable for use with air/electric impact wrench or air ratchet wrench
- Perfect for both machinery and automotive applications



Up to 20% shorter in length compared to standard sockets



DRIVE	TYPE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)	Hex (mm)	Black Phosphate Finished
3/8" 10mm sq.	A	KABR1208	8	22.5	12.7	17	15 270
		KABR1210	10	22.5	15.2	17	15 270
		KABR1211	11	22.5	17	17	15 270
		KABR1212	12	22.5	18	17	15 270
		KABR1213	13	22.5	20	17	15 270
		KABR1214	14	22.5	21.5	17	15 270
		KABR1215	15	22.5	22	17	15 270
		KABR1216	16	22.5	23.5	17	15 270
	B	KABR1217	17	22.5	24	17	15 240
		KABR1218	18	22.5	25	17	15 240
		KABR1219	19	22.5	26	17	15 240
		KABR1221	21	23.5	28	17	15 240
		KABR1222	22	24.5	30	17	15 240
		KABR1224	24	24.5	32	17	15 240
		KABR1610	10	28	16.7	22	15 240
		KABR1611	11	28	18	22	15 240
1/2" 12.5mm sq.	A	KABR1612	12	28	19	22	15 240
		KABR1613	13	28	20.2	22	15 240
		KABR1614	14	28	21.5	22	15 240
		KABR1615	15	28	23	22	15 240
		KABR1616	16	28	24.5	22	15 240
		KABR1617	17	28	26	22	15 240
		KABR1618	18	28	27	22	15 240
	B	KABR1619	19	28	28	22	10 160
		KABR1620	20	28	30	22	10 160
		KABR1621	21	28	30	22	10 160
		KABR1622	22	28	32	22	10 160
		KABR1624	24	28	34	22	10 160

14PCS 3/8" DR. Stubby 6PT Impact Socket Rail Set



ITEM NO.	CONTENTS	12 (SET)
GDBU1401	14 KABR1208~1224 3/8" Dr. Stubby 6PT Flank Impact Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm	

14PCS 1/2" DR. Stubby 6PT Impact Socket Rail Set



ITEM NO.	CONTENTS	12 (SET)
GDBU1402	14 KABR1610~1624 1/2" Dr. Stubby 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm	

1/2" DR. 12PT Flank Deep Impact Sockets

DIN 3121 CR-MO



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	5	20
1/2" 12.5mm sq.	KABJ1630	30	78	5	20
	KABJ1632	32	78	5	20
	KABJ1636	36	78	5	20

3PCS 1/2" DR. Hub Nut Deep Impact Socket Set



- Heavy duty, professional quality 12-point deep impact sockets, manufactured from hardened and tempered Chrome Molybdenum Steel
- Suitable for hub nut applications where high torque is required
- Set contains three sockets for a sure grip on the most common sized hub nuts
- Black phosphate finish for added corrosion resistance
- Applications: Audi, VW, Alfa Romeo, BMW, Citroën, Fiat, Ford, Opel, Mercedes-Benz, Peugeot, Renault and etc.

ITEM NO.	CONTENTS	10 (SET)
GDAI0303	3 KABJ1630~1636 1/2" Dr. 12PT Flank Deep Impact Sockets (L=78mm) 30, 32, 36 mm	

BLOW CASE: W170 x D105 x H70 (mm)

TOPTUL

3/4" DR. Spline Bit Impact Socket

CR-MO



- Made of impact quality Chrome Molybdenum Alloy Steel
- This tool is designed to loosen and tighten wheel bearing / hub unit retaining bolts at the rear axle
- Applicable: Audi A3, VW Golf / Golf Plus / Jetta / Touran / Eos / Passat, Seat Altea / Leon / Toledo and etc.

Black Phosphate Finished

DRIVE	ITEM NO.	SIZE	L (mm)	1
3/4"	KADB2418	M18	105	18

20mm sq.

1/2" DR. Spline Bit Impact Sockets

SNCM+V



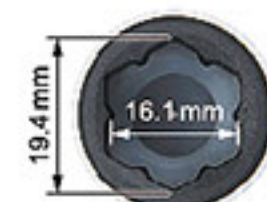
Black Phosphate Finished

DRIVE	ITEM NO.	SIZE	L (mm)	1
1/2"	KADB1614S	M14	44	25
	KADB1616S	M16	44	25
	KADB1618S	M18	44	25
	KADB1614L	M14	77	15
	KADB1616L	M16	77	15
	KADB1618L	M18	77	15

12.5mm sq.

Thin Wall Deep Impact Socket with Plastic Sleeves (For Mercedes-Benz)

DIN 3121 CR-MO



- Made of Chrome Molybdenum Alloy Steel
- Deep thin wall allows easy access to recessed wheel nuts
- Resin cap insert protects lug nuts and bolts against impact damage
- With protection sleeves for reducing the risk to damage alloy rims
- Application: Mercedes-Benz C and GLK-Class (W204), E-Class (W211, W212, W207), SLK-Class (W172), ML-Class (W164, W166), CL-Class (W216), S-Class (W221, W222)

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	COLOR	1
1/2"	KABQ1617	17	78	White	20

12.5mm sq.

6PCS 1/2" DR. Spline Bit Impact Socket Set



- Expert quality, tempered and hardened Nickel Chrome Molybdenum Steel (SNCM+V) socket bits
- Spline bit M14 / M16 / M18, each size in two lengths 44 & 77 mm
- Suitable for removal and adjustment of hubs, steering and suspension especially on VAG vehicles and etc.
- Use with 1/2" square drive impact tools
- Black phosphate finish for extended corrosion resistance

ITEM NO.	CONTENTS	1
GDAI0601	3 KADB1614S~KADB1618S 1/2" Dr. Spline Bit Impact Sockets (L=44mm) M14, M16, M18 3 KADB1614L~KADB1618L 1/2" Dr. Spline Bit Impact Sockets (L=77mm) M14, M16, M18	20 (SET)

BLOW CASE: W130 x D107 x H53 (mm)

8PCS Lug Nut Remover / Wheel Lock Removal Tool Kit

CR-MO



- Made of Chrome Molybdenum Alloy Steel
- Standard 1/2" square drive socket
- Impact-grade hardened and tempered socket
- 8-piece set fits small, medium, large lug nuts and locks
- Deep reverse-tapered internal threads to grip the locking wheel nut or stripped lock on most vehicles
- Removes factory and most aftermarket wheel lug nut lock without factory original key
- Thin wall design socket fit wheel lock diameter to prevent scratching wheels
- Suitable for use with 1/2" drive impact tools
- Black phosphate finish for extra corrosion resistance



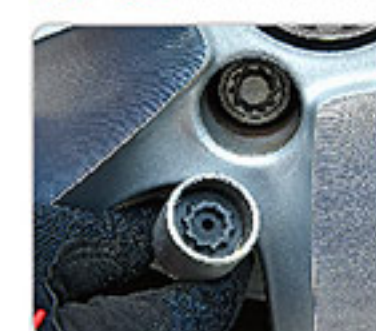
- Deep reverse-tapered internal threads inside the socket wall to grip the locking wheel nut or stripped lock



ITEM NO.	CONTENTS	1
JGAI0802	8 JEA1617~1628 1/2" Dr. Locking Wheel Nut Removal Sockets 17, 18.5, 20, 21.5, 23, 24.5, 26, 27.5 mm	12 (SET)

BLOW CASE: W250 x D155 x H55 (mm)

20PCS VW Wheel Lock Nut Key Set



- Quickly and easily removes VW locking wheel nuts without damaging wheels or the nuts
- Applicable for most VW Vehicles from 2006
- Made of Chrome Molybdenum Alloy Steel
- Chrome plated finish for additional protection against rust and corrosion
- Suitable for use with 17mm wrenches or sockets

ITEM NO.	CONTENTS	1
JGAI2001	20 VW Wheel Lock Nut Keys (L=42.5mm) #521, #522, #523, #524, #525, #526, #527, #528, #529, #530, #531, #532, #533, #534, #535, #536, #537, #538, #539, #540	5 (SET)

BLOW CASE: W225 x D163 x H61 (mm)

23PCS VW Wheel Lock Nut Key Set

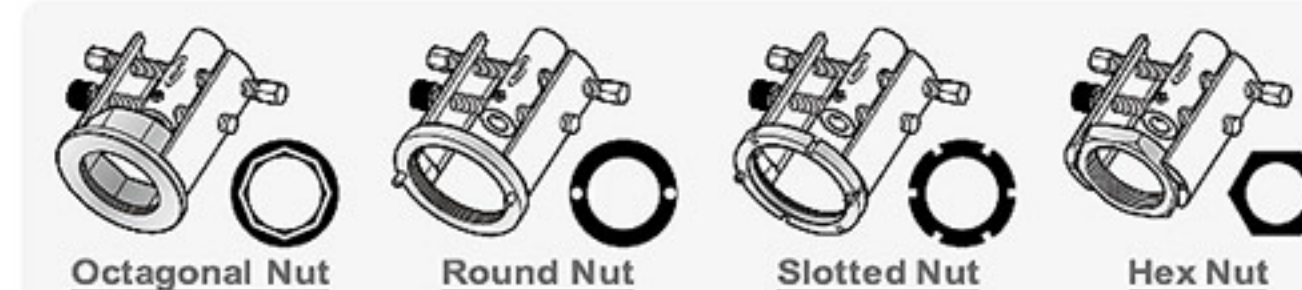


- Quickly and easily removes VW locking wheel nuts without damaging wheels or the nuts
- Applicable for most VW models
- Made of Chrome Molybdenum Alloy Steel
- Chrome plated finish for additional protection against rust and corrosion
- Suitable for use with 17mm wrenches or sockets
- Include 17mm Flank Thin Wall Deep Impact Sockets with 1/2" Sq. Drive

ITEM NO.	CONTENTS	1
JGAI2302	12 VW Multi-Ribe Wheel Lock Nut Keys (L=30mm) #51/6PT, #52/7PT, #53/8PT, #54/9PT, #55/10PT, #56/11PT, #57/12PT, #58/13PT, #59/14PT, #60/15PT, #61/16PT, #62/17PT 10 VW Spline Points Wheel Lock Nut Keys (L=30mm) ABC0/10PT, ABC1/11PT, ABC2/13PT, ABC3/14PT, ABC4/15PT, ABC5/16PT, ABC6/17PT, ABC7/19PT, ABC8/20PT, ABC9/21PT 1 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Socket with Plastic Sleeve (L=86mm) 17mm	10 (SET)

BLOW CASE: W225 x D163 x H61 (mm)

13PCS Universal Adjustable Wheel Bearing Lock Nut Wrench Set



Octagonal Nut

Round Nut

Slotted Nut

Hex Nut



- Manufactured from hardened high grade tool steel
- Specially designed tool kit for the removal and installation of wheel bearing lock nuts including hexagon nuts, octagon nuts, slotted nuts, round nuts with pin holes and etc.
- Locking mechanism ensures jaws grip firmly to prevent slipping on narrow lock nuts
- Capacity: Hexagon lock nut 1-3/4" to 5-1/4" (45-143mm)
Octagonal lock nut 1-3/4" to 5-5/8" (45-143mm)
- Use with 3/4" square drive tool
- Maximum Torque: 700Nm (516 Ft-Lb)
- Kit also includes six pairs of pins for use on pin type lock nuts
- Round pin diameter: 1/4" (6mm) x 2pcs, 5/16" (8mm) x 2pcs, 3/8" (10mm) x 2pcs
- Square pin diameter: 1/4" (6mm) x 2pcs, 5/16" (8mm) x 2pcs, 3/8" (10mm) x 2pcs

BLOW CASE: W328 x D268 x H72 (mm)



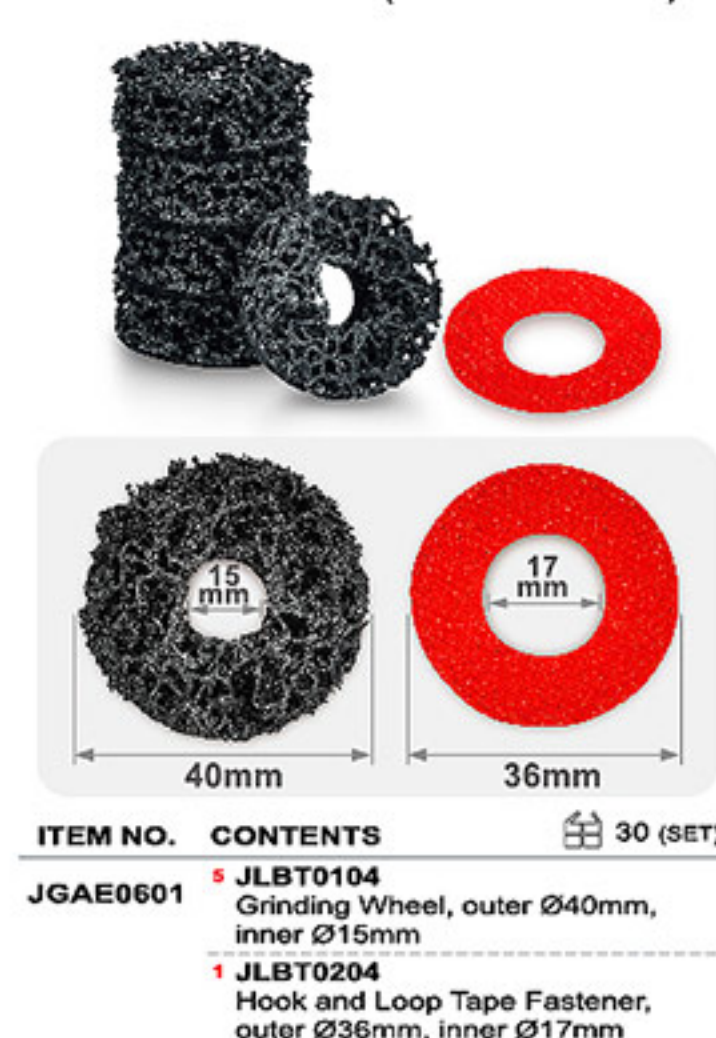
14PCS Wheel Hub Grinder Set

- Special tools for cleaning dirt, rust and other grime that builds up on wheel hubs and brake rotors
- Ideal for optimal cleaning of corrosion around the base of studs
- Prevents falsification of wheel bolt tightening torque due to corroded surfaces
- Hook and loop tape fastening design for quick replacement of the abrasive discs
- Suitable for most automotive, light trucks and SUVs on front and rear wheel hub and rotors
- Use with air impact wrenches, 8mm hex drive power drills (max. speed 1500 RPM)
- Supplied with 1/2" square drive adapter
- Wear Resistance: Approx. 50 vehicles per grinding wheel



6PCS Replacement Grinding Wheel Set for Hub Grinder

- Grinding wheels are made of silicon carbide abrasive
- No sparks and minimum dust development
- Wheel Diameter: Outer Ø40 mm, Inner Ø15 mm
- Maximum Rotation Speed: 1500 RPM
- Wear Resistance: Approx. 50 vehicles per grinding wheel
- Replacement grinding wheel for TOPTUL Wheel Hub Grinder Set (Part No. JGAS1401)



Wheel Hub Grinder

- Specially designed grinder for cleaning the wheel centering device and the contact surface between the wheel rim and wheel hub
- Ideal for resurfacing studless wheel surfaces common to most European vehicles, wheel centers, brake rotor and etc.
- Prevents falsification of wheel bolt tightening torque due to corroded surfaces
- Grinding wheel is made of Silicon Carbide abrasive
- Interchangeable grinding wheels (Replacement wheel Part No. JLBT0115)
- For passenger cars and vans with wheel hubs of Ø90 - 150 mm
- 1/2" square drive steel core for use with pneumatic impact wrenches or electric impact wrenches
- Maximum rotation speed 1500 RPM
- No sparks and minimum dust development

ITEM NO.	Inner Diameter Ø (mm)	Outer Diameter Ø (mm)	Maximum Rotation Speed	
JEAS1615	90	150	1500 RPM	12 (SET)

Grinding Wheel



8PCS Wheel Stud & Hub Cleaning Tool Set

- Special tools for cleaning dirt, rust, and other grime that builds up on wheel studs, hubs and brake rotors
- Ideal for optimal cleaning of corrosion from studs and also useful for cleaning around the base of studs
- Prevents falsification of the tightening torque of the wheel studs and nuts due to corroded surfaces
- Set includes two quick-change brushes fit both metric and imperial studs and four quick-change grinding wheels
- Use with 1/2" square drive air impact wrench or 1/4" hex drive power drill (max. speed 1800 RPM for brushes and 8000 RPM for grinding wheels)
- Suitable for most automotive and light-duty truck



8PCS Wheel Stud Cleaning Tool Set

- Special tools for cleaning dirt, rust and grease from wheel studs before refitting the wheels and wheel nuts
- Prevents falsification of the tightening torque of the wheel studs and nuts due to corrosion
- Set includes six quick-change brushes fit both metric and imperial studs: 12mm (7/16"), 13mm (1/2"), 14mm (9/16"), 16mm (5/8"), 22mm (7/8"), 28mm (1-1/8")
- Use with 1/2" square drive air impact wrench or 1/4" hex drive power drill (max. speed 1800 RPM)
- Suitable for most automotive and light-duty truck



2PCS Coil Spring Compressor Set



2PCS Coil Spring Compressor Set



5PCS Coil Spring Compressor Set

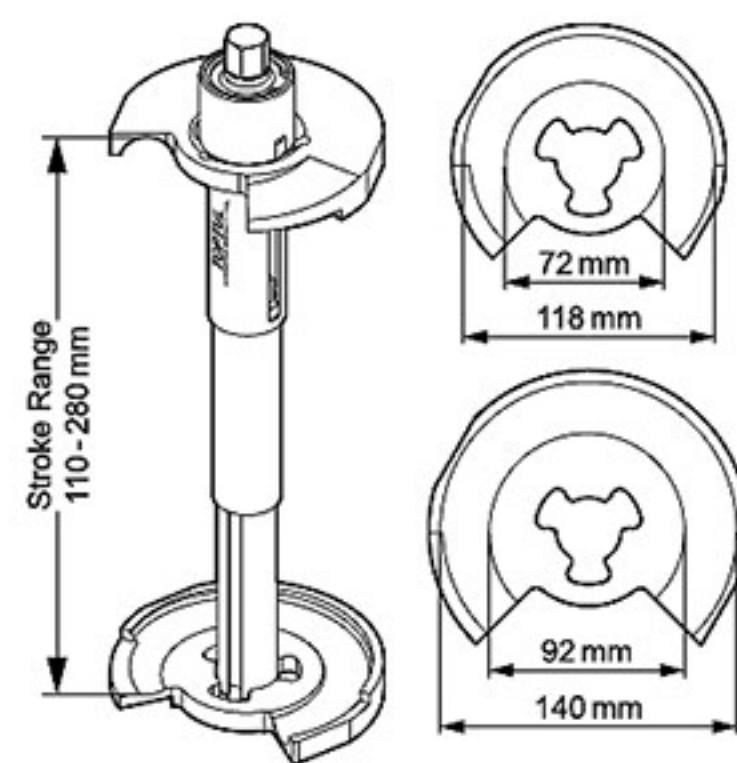


• 3-point safety interlock design ensures the telescopic spindle is firmly locked in the pressure plate



• Hex Drive: 19mm

No impact / power drive.



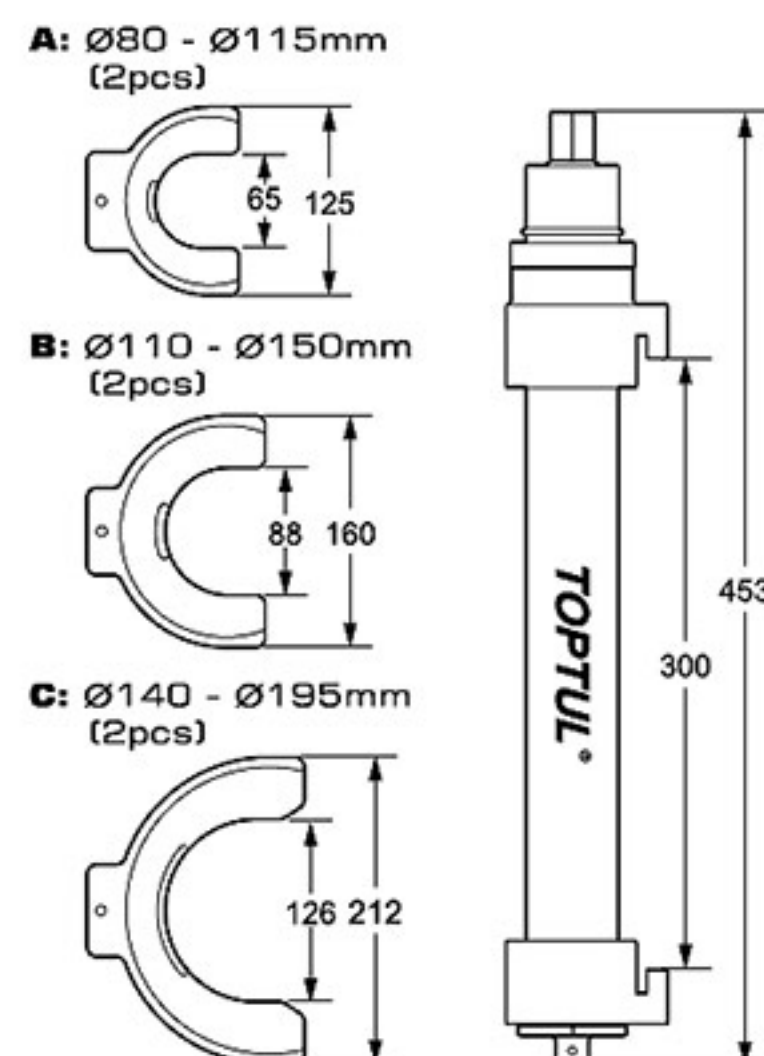
ITEM NO. JGAI0503

3 (SET)

- Specially designed tool for removing and replacing the coil spring on the wishbone or multi-link independent suspensions without dismantling the axle
- The unique 3-point safety interlock design of the telescopic spindle ensures perfect engagement with the grooves on the pressure plate, preventing slipping and providing maximum grip
- Kit includes 2 pairs of pressure plate that clamp the spring while it is being compressed
- Applications: Mercedes-Benz, GM, Peugeot, Rover, Hyundai, Saab, Škoda, Volvo, Volkswagen, Fiat, Mazda, Toyota, Nissan, Mitsubishi and etc.
- Spring Specification / Use Range:
Small Pressure Plates: Ø72 - Ø118 mm Large Pressure Plates: Ø92 - Ø140 mm
- Stroke Range: 110 - 280 mm
- Max. Load: 6,000 kgf (58,840N)

BLOW CASE: W446 x D306 x H90 (mm)

MacPherson Spring Damper Extractor (Set)



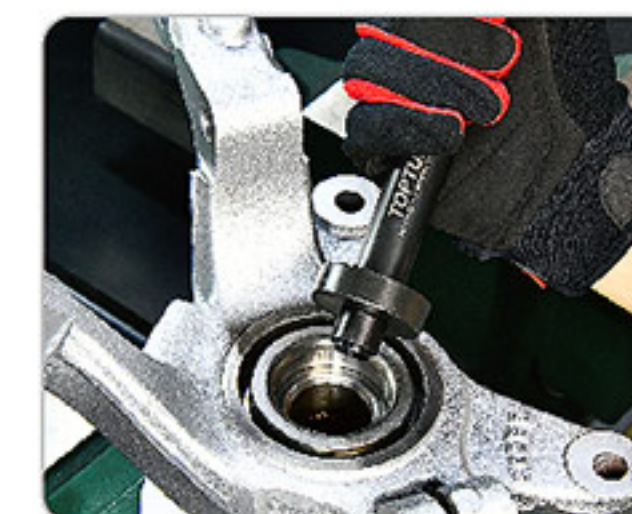
ITEM NO. JGAI0801

1 (SET)

- Spring compressors are multi-application tools specifically, developed for MacPherson suspensions, using a range of 3 sets of interchangeable mono block forks / jaws
- The assembly / disassembly of the springs at all types of MacPherson strut
- For MacPherson shock absorber springs and equivalent shock absorber
- Application: BMW, Toyota, Ford, Mitsubishi, VW, Audi, Saab, Nissan, Honda, Accord, Subaru, Volvo, Opel and Porsche
- Material: Chrome Molybdenum Steel
- Spring Specification / Use Range:
A: Ø80 - Ø115 mm B: Ø110 - Ø150 mm C: Ø140 - Ø195 mm
- Max. Load: 3,500 kgf
- Hand-operated tools

BLOW CASE: W530 x D460 x H110 (mm)

52PCS Universal Bearing, Bush and Seal Driver Set



ITEM NO. JGAI5201

2 (SET)

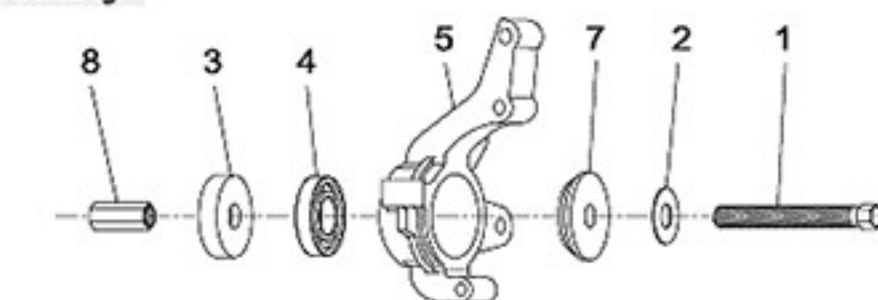
- Suitable for quickly and safely installing or removing bearings, bushings and seals without causing damages
- All discs are interchangeable, allowing to select the required size and assemble the appropriate driver tool to suit the job
- All discs are connected via 12mm shafts and screws for quick connection to the 220mm long drive handle
- Black phosphate finish for corrosion resistance
- Set includes 49-piece disc, long handle shaft, quick connect shaft and 3mm allen key
- Disc diameters from 18mm to 65mm in 1mm increments and also 74mm

BLOW CASE: W365 x D273 x H80 (mm)

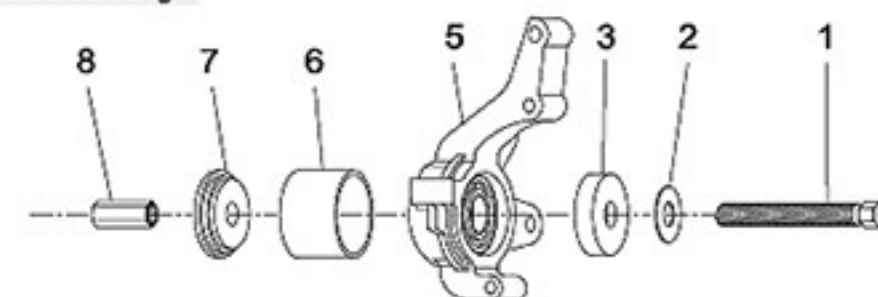
24PCS FWD Front Wheel Bearing Removal & Installation Tool Kit



1 Assembly



2 Disassembly



1	Screw	5	Hub
2	Washer	6	Barrel
3	Bearing Cap	7	Barrel Cap
4	Bearing	8	Adjusting Nut

ITEM NO. JGAI2401

2 (SET)

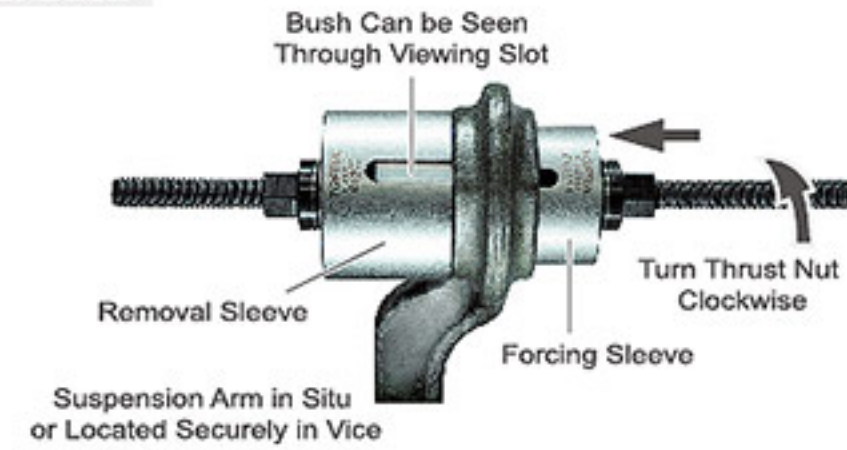
- Comprehensive kit for the removal and installation of front hub bearings
- Remove and replace front hub bearings without the need to dismantle the steering knuckle and strut assembly
- Works on most domestic and imported FWD cars and light trucks
- Black phosphate finish for corrosion resistance
- 14 sizes bearing cap diameter: 50, 55, 59, 63.3, 66.5, 70.3, 71.5, 73.1, 73.4, 74.8, 77.5, 81.5, 83.4, 88.4 mm
- 4 sizes barrel diameter: 76, 86, 91, 102 mm
- 2 sizes barrel cap diameter: 86, 102 mm
- Use with 27mm or 32mm wrench or socket

BLOW CASE: W430 x D390 x H105 (mm)

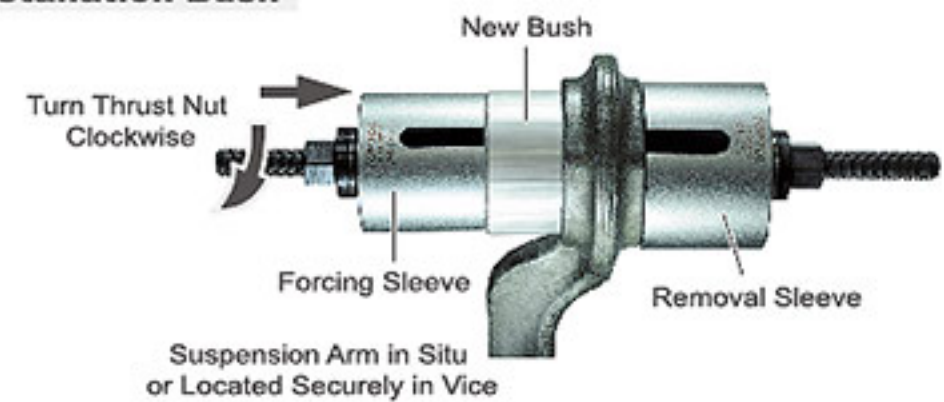
27PCS Universal Bearing and Bush Remove / Install Sleeve Kit



1 Removal Bush



2 Installation Bush



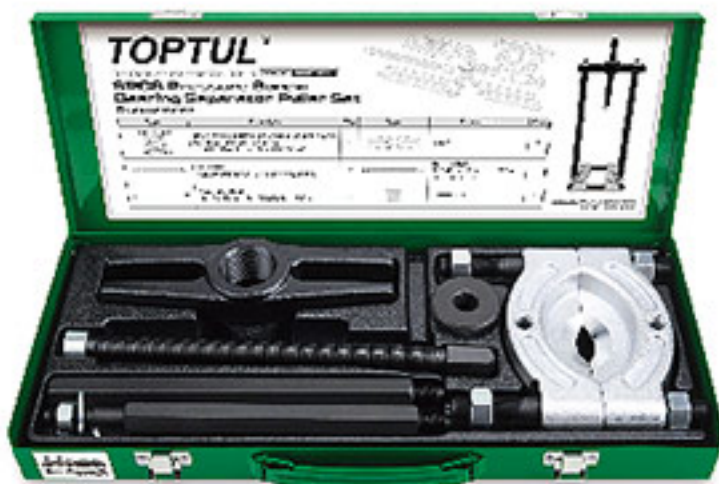
ITEM NO. JGAI2701

- Designed for assembly & disassembly the bearing
- Ideal for extracting and inserting silent bearings, hydraulic bearings, bearing bushes, ball bearings, shaft seals, rubber bearings, seals and etc.
- Universal application for both on vehicle and hydraulic press
- Suitable for working on various vehicles, e.g. commercial cars, truck, van
- Each sleeves can be individually reworked
- Sleeves are slotted for easy viewing aperture during application
- Kit includes 5 threaded bars and thrust nuts in M10, M12, M14, M16 and M18 (Length: 350mm)
- 22 pcs pressure sleeves (outer Ø x inner Ø): 44x34, 46x36, 48x38, 50x40, 52x42, 54x44, 56x46, 58x48, 60x50, 62x52, 64x54, 66x56, 68x58, 70x60, 72x62, 74x64, 76x66, 78x68, 80x70, 82x72, 85x75, 90x80 mm

BLOW CASE: W470 x D415 x H115 (mm)

1 (SET)

8PCS Pressure Screw Bearing Separator Puller Set



- Pull out the bearing with the H-type beam and bolts

ITEM NO.	CONTENTS	2 (SET)
JGAD0801	1 Bearing Separator Set (Capacity 75 - 105mm)	
	2 Main Rod	
	2 Extension Rod	
	1 Beam	
	1 Central Bolt	
	1 Central Nut	

METAL CASE: W447 x D188 x H53 (mm)

12PCS Bearing Separator Kit



- Pull out the bearing with the H-type beam and bolts

ITEM NO.	CONTENTS	3 (SET)
JGAD1201	1 Bearing Separator Set (Capacity 30 - 50mm)	
	1 Bearing Separator Set (Capacity 50 - 75mm)	
	4 Main Rod	
	4 Extension Rod	
	1 Beam	
	1 Central Bolt	

METAL CASE: W447 x D188 x H53 (mm)



Master Bearing Race and Seal Driver (Adjustable)



Fully Closed



Fully Opened



- All in one design eliminates the need for a driver and several different heads
- Durable sturdy aluminum construction with a steel capped striker shaft handle
- Designed for installing bearing race and seal without any damage during application
- 3-stepped jaws quickly adjust to accommodate bearing race and seals
- Locking screw holds the adjustable jaws in place for one hand use
- Suitable for most vehicles, including motorcycles

ITEM NO.	Total	JAWS RANGE (mm)			L (mm)	1
		Step 1	Step 2	Step 3		
JEBC1050	9.5 - 50	9.5 - 23.5	23.5 - 36.5	36.5 - 50	176	48
JEBC1890	18 - 90	18 - 53	41 - 76	54 - 90	210	20

Universal Bearing Ring Puller

- Designed for quick and easy removal of the wheel bearing inner race from the hub
- Three jaws and conical center screw ensure even distribution of tension to avoid any slide or tilt
- Features a locking mechanism to locate and hold the jaws in the correct position
- Ultra sharp jaw edges allow to clamp in between 1.0mm gap
- Suitable for most vehicle hubs
- Jaws Capacity: Ø40-130mm



ITEM NO.	CAPACITY Ø (mm)	1
JECD0112	40 - 130	6

Bearing Separator Set

CR-MO

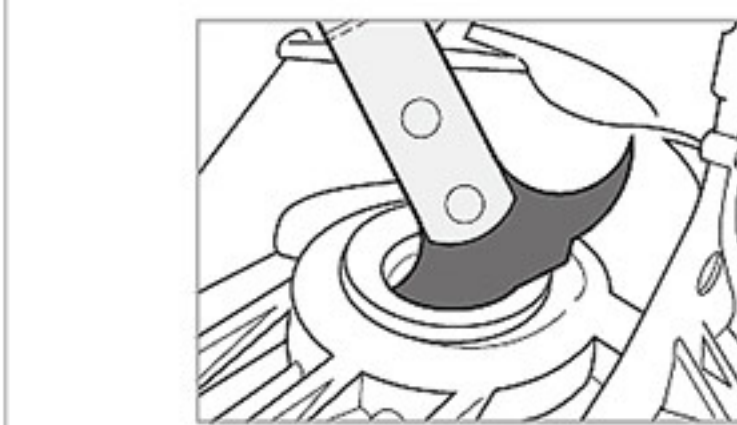
- Made of Chrome Molybdenum Alloy Steel for maximum strength and durability
- Specifically designed for the removal of stubborn gears and bearings
- Curved and sharp edges allow access between tightly assembled parts
- Can be used in conjunction with hydraulic pullers, twin pull mechanical pullers or sliding beam applications



ITEM NO.	CAPACITY (mm)	EXTENSION ROD THREADED HOLE	1
JEAD0305	30 - 50	3/8"-16 UNC	20
JEAD0508	50 - 75	3/8"-16 UNC	12
JEAD0811	75 - 105	1/2"-16 UNC	10
JEAD1115	105 - 150	5/8"-11 UNC	5

Heavy Duty Seal Puller

- Removes oil & grease seals
- Two tips fit most application



ITEM NO.	LENGTH (mm)	1	1
JDAK0132	318 (12-1/2")	12	48

Tire Lever



- Drop forged one piece steel construction
- Suitable for levering tire on/off car or motorbike rims

ITEM NO.	LENGTH (mm)	1	1
JCAB2208	200 (8")	10	80
JCAB2312	300 (12")	10	60
JCAB2415	380 (15")	10	40
JCAB2821	530 (21")	10	20

Truck Tire Lever



- Made of drop forged Chrome Vanadium Alloy Steel
- Suitable for the removal and installation of tubeless truck tires & tractor tires
- Heavy duty pattern, black phosphate finish
- Optimal length for greater leverage

ITEM NO.	LENGTH (mm)	DIAMETER (mm)	1	1
JCEG2229	728 (28-21/32")	22	5	10

Truck Tire Lever



- Made of drop forged Chrome Vanadium Alloy Steel
- Suitable for the removal and installation of tubeless truck tires
- Special designed tool to ease the process of mount and demount tires
- Fine tapered and ground ends for easier use and to lessen the likelihood of damage to tires
- Optimal length for greater leverage

ITEM NO.	LENGTH (mm)	DIAMETER (mm)	1	1
JCEH2237	940 (37")	22	5	

3-Function Digital Tire Inflator

- 3 in 1 multi-functional design: Inflate, deflate and check tire pressure
- Large, easy-to-read LCD display with protective rubber sleeve
- Flexible 20" high pressure PVC hose with clip-on air tire chuck
- 2-position trigger control design for quickly inflating and deflating tires
- Automatically shut off after 180 seconds to save power
- Features a robust aluminum extruded body built for durability
- Rugged and ergonomic handle grip

Specification:

- Measuring Range:
0 - 200 PSI / 0 - 13.8 BAR / 0 - 999 KPA
- Max. Pressure: 232 PSI, 16 BAR, 1600 KPA
- Measurement Accuracy: $\pm 2\%$
- Air Inlet: 1/4"
- Battery: CR2032 x 1pc (included)

Variable Trigger & Control Position



ITEM NO.	Pressure Range	Air Inlet	Hose Length (mm)	
JEBL200A	0 - 200 PSI (0 - 13.8 BAR / 0 - 999 KPA)	1/4"	500 (20")	20



Easy-to-read Large LCD Display



Fitted with 500mm Long Flexible Hose and Clip-on Air Chuck

3-Function Tire Pressure Gauge



- Convenient Clip-On Tire Chuck

ITEM NO. JEAL160A 12 (SET)

- Multi-Function Tire Pressure Gauge:
- 1. Check Pressure
- 2. Inflate
- 3. Deflate
- Pressure Range: 0 - 160 PSI, 0 - 11 BAR
- Flexible 20" high pressure rubber hose with clip-on air tire chuck
- Variable trigger, two control position inflate / deflate level
- Simple and easy operation model
- Ideal for automotive tires
- Air Inlet: 1/4" PT

3-Function Tire Pressure Gauge



- Convenient Clip-On Tire Chuck

ITEM NO. JEAL220A 12 (SET)

- Multi-Function Tire Pressure Gauge:
- 1. Check Pressure
- 2. Inflate
- 3. Deflate
- Large and easy-reading 3-1/2" diameter gauge with protective rubber sleeve
- Pressure Range: 0 - 15 kg/cm², 0 - 220 PSI, 0 - 15 BAR, 0 - 1500 KPA
- Aluminum die-casting body with H-D brass valves
- Flexible 20" high pressure rubber hose
- Clip-on air tire chuck design enables hands-free chuck use
- Variable trigger, two control position inflate/deflate level
- Simple and easy operation model
- Ideal for automotive tires especially truck tires
- Air Inlet: 1/4" PT

3-Function Tire Pressure Gauge W/ Dual Tire Chuck



- Dual Chuck (Offset Dual Head Air Tire Chuck)

ITEM NO. JEAL220B 12 (SET)

- Multi-Function Tire Pressure Gauge:
- 1. Check Pressure
- 2. Inflate
- 3. Deflate
- Large and easy-reading 3-1/2" diameter gauge with protective rubber sleeve
- Pressure Range: 0 - 15 kg/cm², 0 - 220 PSI, 0 - 15 BAR, 0 - 1500 KPA
- Aluminum die-casting body with H-D brass valves
- Flexible 40" high pressure rubber hose with 10" Chrome Plated Steel dual chuck
- Offset dual head air tire chuck allows easy access to all valves
- Variable trigger, two control position inflate/deflate level
- Simple and easy operation model
- Ideal for automotive tires especially truck tires
- Air Inlet: 1/4" PT

Economy Handy Series Tire Pressure Gauge



- Large and easy-reading 2" diameter gauge with protective rubber sleeve
- Pressure range: 0 - 4 kg/cm², 0 - 60 PSI, 0 - 4 BAR
- Equipped with 45° angle chuck and pressure reset button
- Built-in air bleeder valve
- Simple and easy operation model
- Ideal for motorcycle or automotive tire
- Calibrated to ANSI B40.1 Grade B Accuracy Standards

ITEM NO.	Pressure Range	Diameter Gauge		
JEAP060A	0 - 60 PSI (0 - 4 kg/cm ² , 0 - 4 BAR)	2"	12	48



Dual Tire Chuck

- Chrome plated steel dual air tire chuck
- Offset dual head chuck allows easy access to all tire valve stems
- Ideal for automobile tires especially truck tires
- Comfort, anti-slip plastic grip handle
- Air inlet: 1/4" PT
- Head I.D.: 8mm



ITEM NO.	LENGTH (mm)		
JEAM0821	205 (8")	5	100
JEAM1437	370 (14")	5	100

Tire Valve Core Torque Screwdriver



- Design for removing and installing of valve cores
- Preset torque setting to prevent over torquing and reduce risk of damage on TPMS valves sensor cores
- Ergonomic comfort-grip handle

ITEM NO.	TORQUE	LENGTH (mm)		
JEBB0105	0.45 Nm (4.0 in-Lb)	150	24	96

Tire Valve Installer



- Steel constructed deep threaded head for positive sealing of all snap-in car tire valve stems
- 180 degree pivoting head design to provide leverage at any angle against wheels
- Simplifies installation of tire valve in tubeless wheels
- Pulls tire valve assembly through rim
- Protective rubber covering on the shaft to avoid damage and marking of alloy wheels
- Shaft is notched to accommodate various rim styles

ITEM NO.	LENGTH (mm)		
JEBD0133	325	6	48

Tire Valve Installer - Plastic Type



- Steel constructed deep threaded head for positive sealing of all snap-in car tire valve stems
- 180 degree pivoting head design to provide leverage at any angle against wheels
- Simplifies installation of tire valve in tubeless wheels
- Pulls tire valve assembly through rim
- Elastic nylon handle to avoid damage and marking of alloy wheels
- The tire valve core removal tool is mounted at the end of the handle
- Shaft is notched to accommodate various rim styles

ITEM NO.	LENGTH (mm)		
JEBD0234	335	12	144

4PCS Unique Compression Tester Kit (Petrol Engine)



ITEM NO. JGAI0402 6 (SET)

- Use to check cylinder compression to assist in the diagnosis of faulty valves, piston rings, cylinder heads, gaskets and etc.
- Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 300 PSI, 0 - 21 kg/cm²
- Gauge head with pressure relief valve for repeated test of cylinder without removing gauge
- 13" durable rubber extension hose with built in M14 adapter and one separate M18 adapter
- 8" heavy-duty aluminum extension tube with universal rubber cone adapter fits all plug holes

BLOW CASE: W260 x D170 x H60 (mm)

13PCS Compression Tester Set (Diesel Engine)



ITEM NO. JGAI1302 6 (SET)

- Comprehensive test kit for checking compression on both direct and indirect injection diesel engine vehicles
- Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 1000 PSI, 0 - 70 BAR
- Gauge head with built-in pressure relief valve for repeated test of cylinder without removing gauge
- 15" flexible hose allows easy access to restricted plug and injector ports
- Quick-connect coupler for easy and secure connection
- Includes replacement seal & washer set
- Applications: BMW, VW, Volvo, Renault, Fiat, Seat, Mercedes-Benz, Citroën, Opel, Peugeot, Daihatsu, Toyota, Nissan, Isuzu, Mazda, Mitsubishi, Ford, Vauxhall, Land Rover and etc.

BLOW CASE: W380 x D310 x H80 (mm)

81PCS Gasoline Engine Fuel Injection Pressure Tester Kit



Easily hang the pressure gauge on the hood over the engine for measuring



The unique designed relief valve

The quick coupling system

ITEM NO. JGAI8101 2 (SET)

- Excellent fuel injection pressure test kit assists in identifying and diagnosing low fuel pressure, a faulty fuel pressure regulator, leaking injectors, fuel leaks and clogged fuel filters
- Large, shock protected, easy-reading 3-1/2" diameter fuel pressure gauge with dual scale reading of 0 - 120 PSI and 0 - 8 BAR
- Comprehensive kit of adapters and fittings for most fuel injection systems of American, Japanese, European vehicles including Multi-Port Fuel Injection (MPFI) system, GM TBI system and Bosch CIS system
- Kit contains gauge, hose, adapters, tubing, manifolds, plugs plus repair kits of spare washers, seals, o-rings, clamps, fuel hose, bushes and other accessories
- Applications: BMW, VW, Audi, Volvo, Saab, Ford, Chrysler, Fiat, Honda, Hyundai, Isuzu, Mazda, Porsche, GM, Mercedes-Benz, Peugeot, Suzuki, Toyota, Mitsubishi, Jeep and etc.

BLOW CASE: W380 x D430 x H160 (mm)

7PCS Multi-Port Fuel Injection Pressure Tester Kit



The uniquely designed pressure relief valve



The quick coupling system

ITEM NO. JGAI0703

6 (SET)

- Excellent fuel injection pressure test kit assists in identifying and diagnosing low fuel pressure, a faulty fuel pressure regulator, leaking injectors, fuel leaks and clogged fuel filters
- Large, shock protected, easy-reading 3-1/2" diameter fuel pressure gauge with dual scale reading of 0 - 150 PSI and 0 - 1000 kPa
- All adapters, gauge and hose assemblies feature a quick coupling system for speedy and efficient testing connection
- For Multi-Port Fuel Injection (MPFI) system
- Applications: American vehicles Ford, Chrysler, GM and etc.

BLOW CASE: W592 x D261 x H62 (mm)

12PCS Oil Pressure Tester Kit



2-1/2" Diameter Gauge (150 PSI / 10 BAR)
with Relief Valve, 51" Hose with Quick Coupler

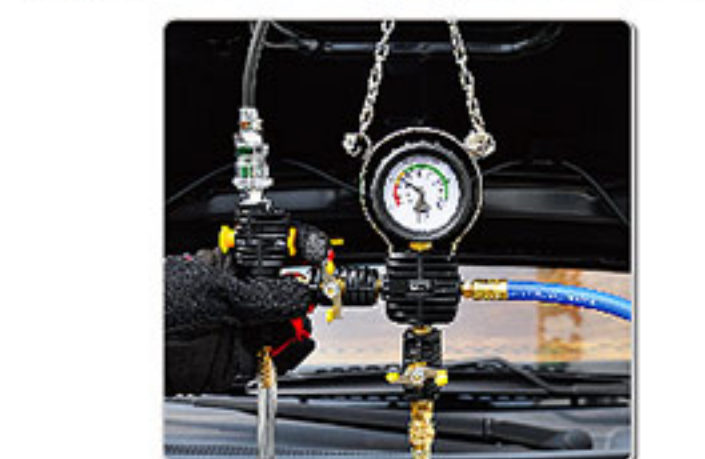
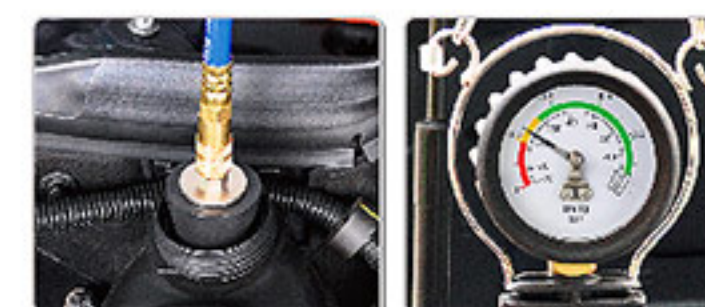
ITEM NO. JGAI1204

6 (SET)

- Design to diagnose worn oil pumps and engines, faulty oil pressure switches and warning indicators
- Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 150 PSI, 0 - 10 BAR
- Gauge head with built-in pressure relief valve for quickly repeating test of oil pressure without removing gauge
- Quick-connect coupler for easy and secure connection
- 51" flexible hose allows easy access hard-to-reach places
- Includes 90° coupling adapter and replacement seals
- 10 screw adapters: R 1/8" DIN 2999, 1/8" x 27 NPT, 1/4" x 18 NPT, 3/8" x 20 UNF, 1/2" x 20 UNF, M10 x 1.0, M12 x 1.5, M14 x 1.5, M16 x 1.5, M18 x 1.5
- Applications: Alfa Romeo, Audi, BMW, Citroën, Daihatsu, Fiat, Ford, Honda, Hyundai, Isuzu, Jaguar, Lada, Lancia, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Škoda, Subaru, Suzuki, Toyota, Vauxhall, VW, Volvo, Zastava etc.

BLOW CASE: W380 x D310 x H80 (mm)

3PCS Cooling System Vacuum Purge & Refill Kit



ITEM NO. JGAI0302 5 (SET)

- Check the leakage of original radiator cap and cooling system
- Easy reading 2" diameter pressure gauge with dual scale reading of -76 - 0 cmHg and -1 - 0 BAR
- Vacuum leakage test for easy identification and prevent coolant spillage and wastage
- Eliminates the introduction of bubbles and airlock into cooling system and deduct the time for refilling coolant
- Kit includes a pressure gauge, connector, universal rubber cone-shape adapter, cooling hose and air bleeding hose
- Applications: Almost all type of vehicles

BLOW CASE: W390 x D330 x H100 (mm)



Oil Pressure Tester Kit

Battery Hydrometer Tester



- Specially designed for testing the charge state of Lead-Acid Battery (standard batteries)
- Easy to operate and the dial type gauge for accurate reading of battery fluid specific gravity
- Avoid dead battery or overcharging, effectively extending battery life
- The transparent plastic housing is convenient for checking fluid conditions
- Made of durable and corrosion-resistant PS plastic material
- Application: 6, 12 and 24 Volt Systems
- Specific gravity range: 1.1-1.3 Kg/L

ITEM NO.	TEST VOLTAGE RANGE	SPECIFIC GRAVITY RANGE		
JDCH1101	6V, 12V, 24V	1.1-1.3 Kg/L	10	100

Anti-Freeze & Coolant Tester

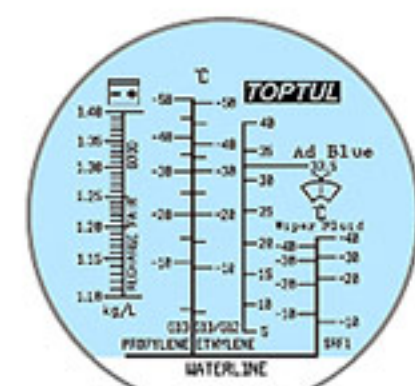


- Specially designed to detect the concentration of ethylene glycol based anti-freeze and coolant
- Ideal for preventing water from freezing up in winter and engine from overheating in summer
- Easy to operate and the dial type gauge for accurate reading of concentration of anti-freeze and coolant
- The transparent plastic housing is convenient for checking the fluid condition and inspecting for any rust, sludge or other deposits
- Displays freezing and boiling temperatures in °C and °F
- Made of durable and corrosion-resistant PS plastic material
- Suitable for all cars and light truck cooling systems
- Freezing Point: -12°C to -43°C (10°F to -45°F)
- Boiling Point: 125°C to 131°C (257°F to 268°F)

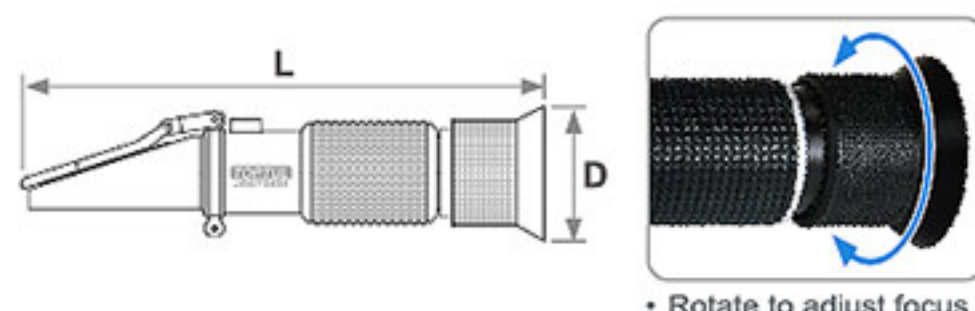
ITEM NO.	FREEZING POINT	BOILING POINT		
JDCH2101	-12°C to -43°C (10°F to -45°F)	125°C to 131°C (257°F to 268°F)	10	100

4-in-1 Automotive Refractometer

- Full-metal housing made of copper alloy with chrome plating is durable and resistant to abrasion
- Designed to quickly and accurately test the density of the electrolyte in the battery and the concentration of urea in the AdBlue tank
- Also suitable for measuring the strength and concentration of anti-freeze and screenwash fluid
- Built-in ATC Compensation range (Automatic Temperature Compensation) in between 10 °C to 30 °C. Recalibration is not required after changes in ambient operating temperature
- Adjustable manual focus with soft rubber eyepiece for comfortable viewing
- Supplied with a calibration screwdriver, transparent transfer pipette and storage case

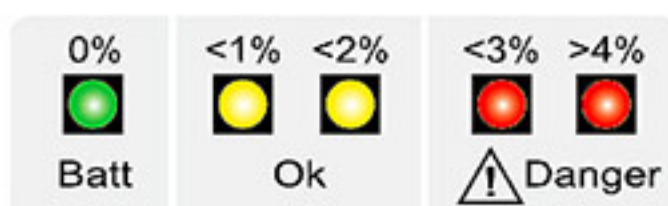


- Simple Calibration Check & Easy to Read Scale



ITEM NO.	LENGTH (mm)	DIAMETER (mm)		
JDCT0101	155	40	25	50

Brake Fluid Tester



- Designed for checking quality of brake fluid (DOT 4)
- Five LED to indicate the percentage of water in the brake fluid
- Quick & simple tool for testing brake fluid in most type of vehicles, trucks, motorcycles and etc.

ITEM NO.	LENGTH (mm)		
JJDB0101	150	10	100

18PCS Universal Radiator Pressure Tester Kit



ITEM NO. JGAI1802

- Check the leakage of original radiator cap and cooling system
- Hand pressure pump and leakage testing adapters made of hard and durable Nylon 66 material (PA66)
- Large and easy reading 2-1/2" diameter pressure gauge with protective rubber sleeve
- Pressure Range: 0 - 35 PSI, 0 - 2.5 BAR with pressure relief valve and quick coupler
- Color coded radiator leakage testing adapters for easy identification
- Kit includes a pressure testing pump with gauge, a thermometer needle, 13 radiator kits, 2 connectors and an adapter handle
- Applications: VW, Audi, Volvo, Saab, Mercedes-Benz, BMW, Renault, Porsche, Jaguar, Mitsubishi, Mazda, Toyota, Honda, Suzuki, Isuzu, Ford, GM, Chrysler, Fiat, Alfa Romeo, Lexus, Opel, Peugeot, Jeep, Land Rover, Citroën and etc.

BLOW CASE: W470 x D405 x H110 (mm)

28PCS Universal Radiator Pressure Tester & Vacuum Type Cooling System Kit



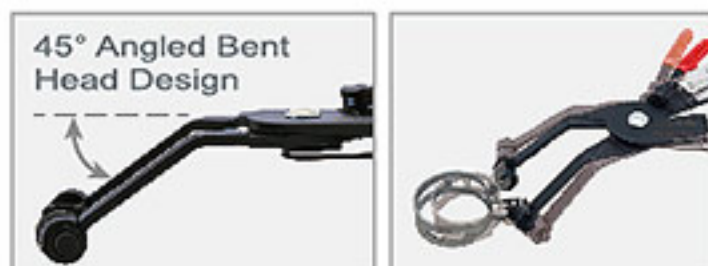
ITEM NO. JGAI2801

- Check the leakage of original radiator cap and cool system
- Hand pressure pump and leakage testing adapters made of hard and durable Nylon 66 material (PA66)
- Large and easy reading 2-1/2" pressure gauge and 2" vacuum pressure gauge
- Pressure range: 0 - 35 PSI / 0 - 2.5 BAR
- Vacuum pressure range: -76 - 0 cmHg / -1 - 0 BAR
- Supplied with vacuum purge & refill kit for easy identification and prevent coolant spillage and wastage
- Color coded radiator leakage testing adapters for easy identification
- Kit includes a pressure testing pump with gauge, vacuum pump, a thermometer needle, 20 radiator kits, 2 connectors, adapter handle, universal cone-shape adapter, coolant hose and exhaust hose
- Applications: VW, Audi, Volvo, Saab, Mercedes-Benz, BMW, Renault, Porsche, Jaguar, Mitsubishi, Mazda, Toyota, Honda, Suzuki, Isuzu, Ford, GM, Chrysler, Fiat, Alfa Romeo, Lexus, Opel, Peugeot, Jeep, Land Rover, Citroën and etc.

BLOW CASE: W600 x D510 x H110 (mm)

Curved Hose Clamp Pliers

- Manufactured from hardened premium tool steel
- Specially designed for the removal and installation of ring type or flat type hose clamp
- Ratchet locking and quick release mechanism allow the hose clamp to be held for easier operation
- Swivel jaws enable multi-angle operation and provides easy access in confined spaces
- 45-degree bend angle head design to reach clamp in awkward positions
- Comfort grip handles to reduce user hand fatigue
- Suitable for hose clamps on fuel, cooling, heating line and etc.
- Applicable to most vehicles, especially Audi, VW, Opel, Honda, Ford



ITEM NO.	MAX. OPENING (mm)	LENGTH (mm)		
JDAM039C	60	235 (9-1/4")	6	48

Straight Tip Lock Ring Pliers

- Made of drop forged and hardened high grade tool steel
- Specially designed for quick installation and removal of horseshoe-shaped spring retaining rings and circlips without grip holes
- Spring-loaded return for quick repetitive opening
- Ideal for automotive applications including gearbox, drive shaft, differentials, brake maintenance and etc.



ITEM NO.	MAX. JAW OPENING (mm)	LENGTH (mm)		
JDAP0109	25 (1")	215 (8-1/2")	6	72

Hose Clamp Pliers

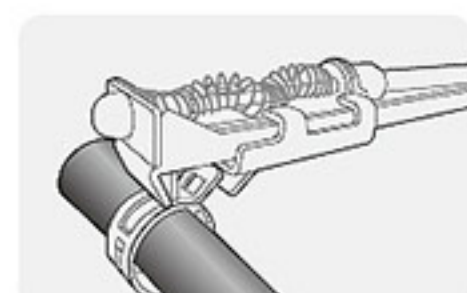
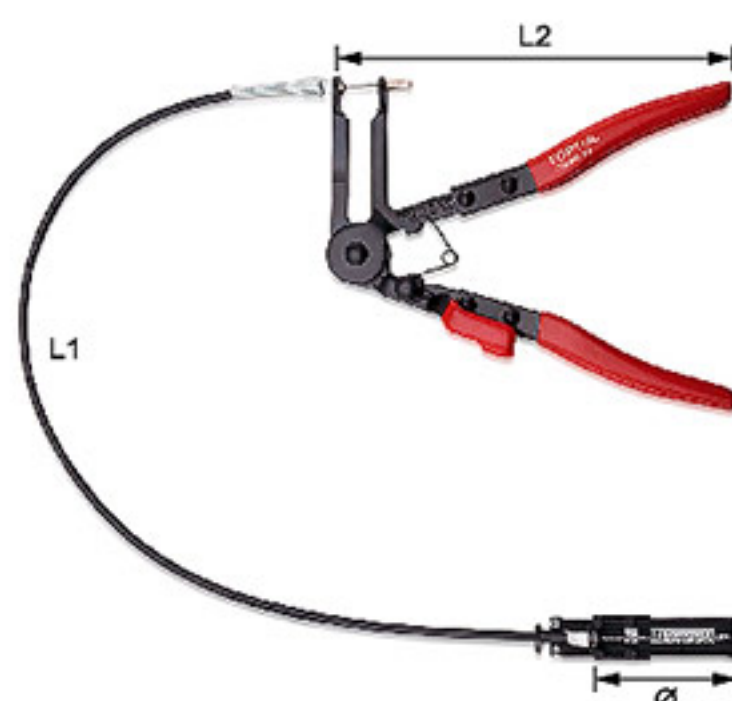
- Manufactured from hardened premium tool steel
- Specially designed for the removal and installation of ring type or flat type hose clamp
- Ratchet locking and quick release mechanism allow the hose clamp to be held for easier operation
- Swivel jaws enable multi-angle operation and provides easy access in confined spaces
- Comfort grip handles to reduce user hand fatigue
- Suitable for hose clamps on fuel, cooling, heating line and etc.
- Applicable to most vehicles, especially Audi, VW, Opel, Honda, Ford



ITEM NO.	MAX. OPENING (mm)	LENGTH (mm)		
JDAM028E	40	215 (8-1/2")	6	60

Flexible Hose Clamp Pliers

- For replacement of fuel, oil and water hose
- Hose clamp with flexible long wire
- Suitable to work in hidden areas and long distance



ITEM NO.	Max. Ø (mm)	L1 (mm)	L2 (mm)		
JDAM0163	53	630	225	12	36

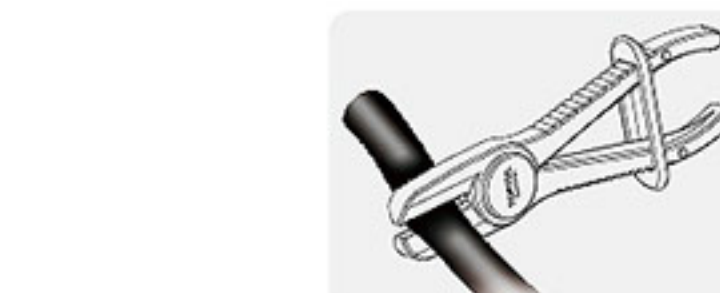
3 Way Hose Clamp Tool



- Designed for releasing and refitting most of spring hose clamp
- For use with 14mm wrench or 1/4" square drive tools
- Suitable for using in confined space

ITEM NO.	CAPACITY (mm)	CAPACITY (mm)	L (mm)		
JDAM0436	1.5 - 35	6.5 - 40	80	10	100
JDAM0460	1.5 - 60	6.5 - 65	105	10	100

3PCS Flexible Line Clamp Set



ITEM NO.	CONTENTS		
JGAR0301	1 JDAY0119 Small Line Clamp Ø6 - 19mm (1/4" - 3/4")	10	(SET)
	1 JDAY0132 Medium Line Clamp Ø13 - 32mm (1/2" - 1-1/4")		
	1 JDAY0157 Large Line Clamp Ø19 - 57mm (3/4" - 2-1/4")		

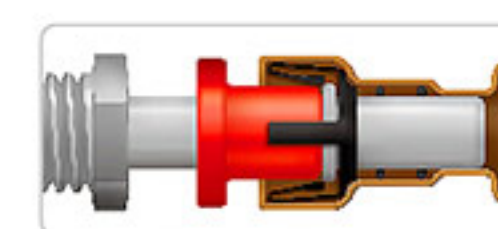
Fuel Line Connector Pliers



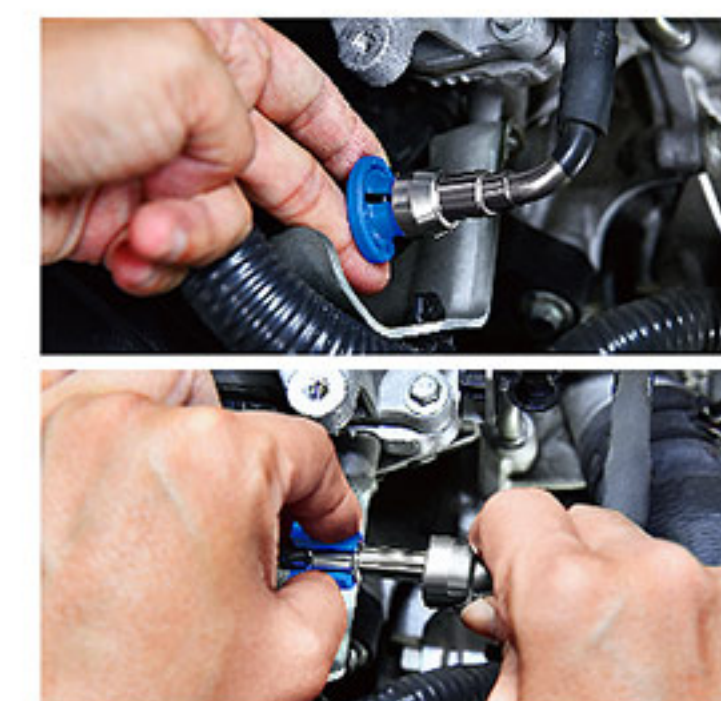
- Perfect tool for releasing connections on fuel pipes during engine service or when replacing fuel filters
- Specially made tip pliers is designed to compress the quick connect lugs for easy removal without damaging the connectors
- Made of high grade hardened tool steel
- Ergonomic comfort-grip handle
- Applications: VW, Audi, Fiat, GM, Opel, Vauxhall, Mercedes-Benz and etc.

ITEM NO.	LENGTH (mm)		
JDBY0109	230 (9")	6	48

7PCS A/C & Fuel Line Disconnect Tool Set



- Easy clip-over design
- Simple push under fitting until connected coupling releases



- Specially designed tool to quickly disconnect the spring lock couplings on air conditioning lines and quick connect couplings on fuel lines
- Made of fuel and solvent resistant POM plastic
- Each tool is color-coded by size for easy identification
- Assorted sizes fit most applications
- Ideal for use in confined spaces
- Suitable for Chrysler, Ford, GM, Opel, Saab, VW and etc.

ITEM NO.	CONTENTS		
JGAR0701	7 Disconnect Tool 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	12	96

4PCS Steel Line Stopper Set

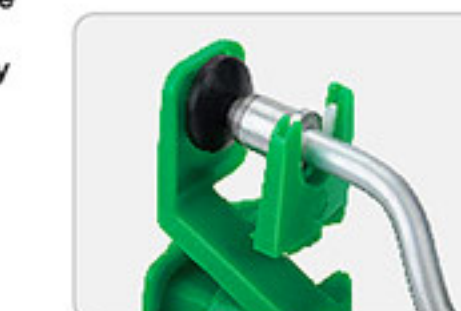
- Expert quality, use on brake and fuel supply lines to prevent fluid leaks and contamination during service
- Spring loaded design for easy and fast operation
- Specifications: Banjo, 5/16" (8mm), 3/8" (9.5mm), and 1/2" (12.7mm)



ITEM NO.	CONTENTS		
JGAR0401	1 JDBZ0101 Banjo Line Stopper		
	1 JDBZ0102 1/2" (12.7mm) Line Stopper	24	48
	1 JDBZ0103 3/8" (9.5mm) Line Stopper		
	1 JDBZ0104 5/16" (8mm) Line Stopper		

Steel Line Stopper Set (Twin Pack)

- Expert quality, use on brake and fuel supply lines to prevent fluid leaks and contamination during service
- Spring loaded design for easy and fast operation
- Heavy-duty construction for the strength and durability
- 4 in 1 design: Suitable for Banjo, 5/16" (8mm), 3/8" (9.5mm), and 1/2" (12.7mm)



ITEM NO.	CONTENTS		
JGAR0203	2 JDBZ0201 4 IN 1 Steel Line Stopper	10	80

3-Jaw Fuel Gauge & Pump Sender Collar Wrench



- Made of Chrome Molybdenum Alloy Steel
- Ideal for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws design to ensure holding power while decrease risk of damage the plastic collar
- Use with a 16mm wrench or socket
- Suitable for most collar from 89 to 170mm

ITEM NO.	CAPACITY Ø (mm)	
JDCB0117	89 - 170	12



Adjustable Fuel Tank Lid Remover

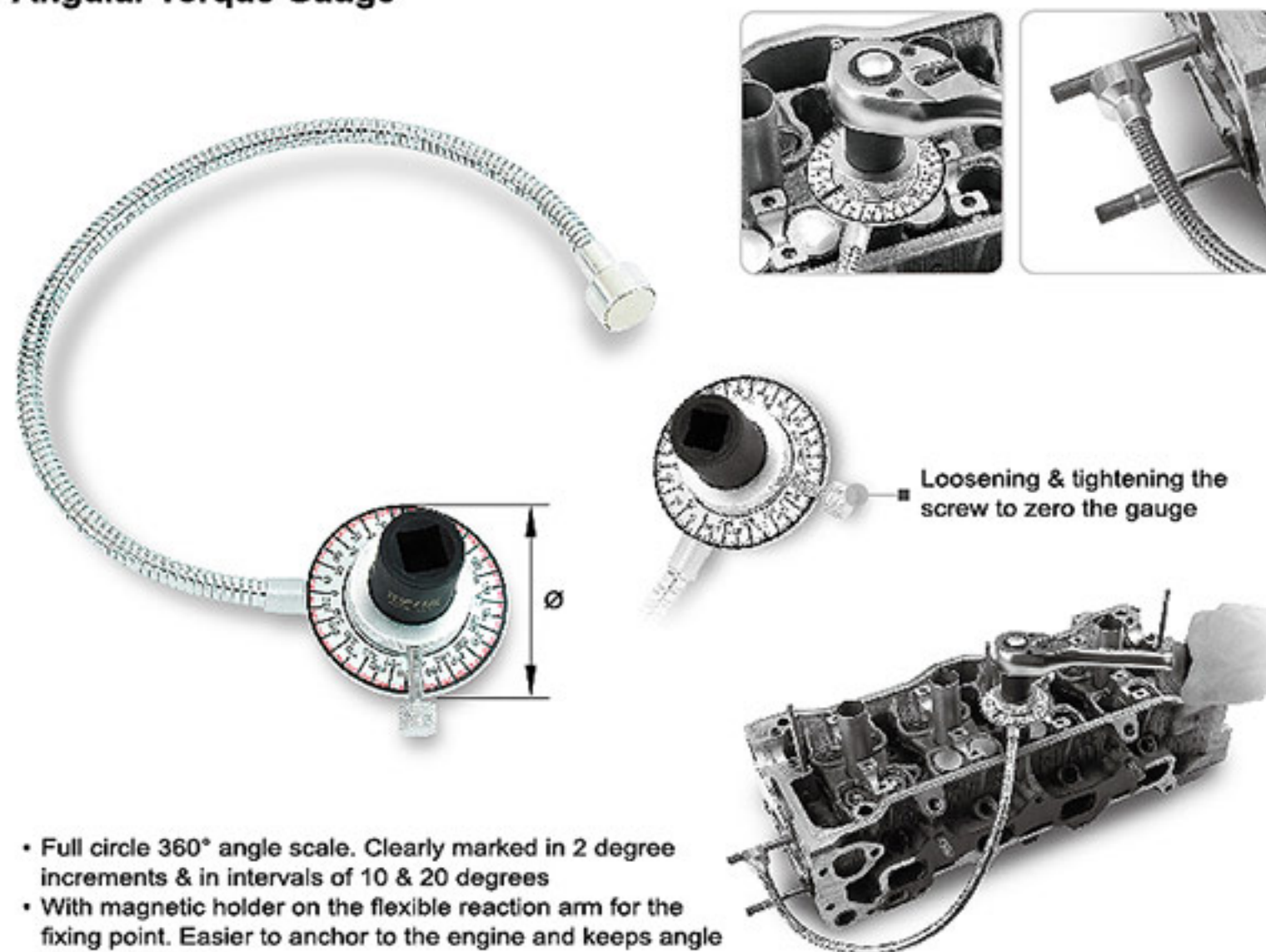


- Hardened jaws manufactured from Chrome Molybdenum Alloy Steel
- Designed for the quick removal and installation of fuel pump retaining rings on fuel tanks
- Special curved jaw design allows easy and firm grips on different retaining rings
- Fully adjustable jaws to suit most collars from 55 to 199 mm in diameter
- Use with 3/8" square drive tool
- Application: BMW, Mercedes-Benz, Audi, VW, Toyota, Lexus, Nissan, Mazda, Ford and etc.

ITEM NO.	CAPACITY Ø (mm)		
JDCB0219	55 - 199	12	24



Angular Torque Gauge



- Full circle 360° angle scale. Clearly marked in 2 degree increments & in intervals of 10 & 20 degrees
- With magnetic holder on the flexible reaction arm for the fixing point. Easier to anchor to the engine and keeps angle scale stationary
- Accommodates 1/2" male and female square drive

ITEM NO.	DRIVE (inch)	Ø (mm)	L (mm)		
JDAW1601	1/2"(F) x 1/2"(M)	63	480	15	30

Angular Torque Gauge



- Full circle 360° angle scale. Clearly marked in 2 degree increments & in intervals of 10 & 30 degrees
- Adjustable arm keeps angle gauge scale stationary, wedge it against object while turning drive tool
- Accommodates 1/2" male and female square drive

ITEM NO.	DRIVE (inch)	Ø (mm)		
JDAW1602	1/2"(F) x 1/2"(M)	68	12	48

24PCS Universal Valve Spring Remover & Installer Kit



ITEM NO. JGAI2402

3 (SET)

- Specially designed tool to remove and install the valve spring and valve stem seals in various vehicles without removing the cylinder head or gasket from the engine
- Valves will not be falling into the combustion chamber while it is closed by using pressurized air
- Perfect for working in confined engine room
- Use with TOPTUL Part No. JDAT0109 or JDAT0110 Valve Stem Seal Pliers
- Kit includes 2 different length main support rods, 2 different length spiral arms, a beam, 2 fixing beam supports, an adjustable angle holder, 2 sets of threaded bolts - M7 & M8, 5 valve pushers - Ø20, 22, 24, 25, 30mm, 3 different length pressure screws, 2 spark plug threaded extension hoses - M12x1.25 & M14x1.25 with M18x1.5, a spark plug threaded metal tube - M14x1.25 and a quick coupler hose with pressure gauge
- Applicable for many European, American and Japanese vehicles, such as BMW, Mercedes-Benz, Volvo, VAG, Mitsubishi, Toyota, Ford and etc.
- Especially suitable for Mercedes-Benz and BMW engine models
Mercedes-Benz: M102, M103, M104, M111, M112, M113, M271, M272
BMW: N42, N52, N62, M52, M54, M56, M60, E38, V8

BLOW CASE: W448 x D310 x H95 (mm)

Valve Spring Compressor Kit (One Man Operation Type)



ITEM NO. JDAN0222

5 (SET)

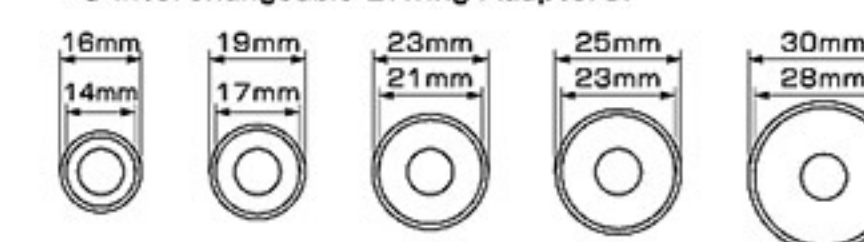
- Easy to use design allows one-man operation
- Recessed pocket on valve pusher allows replacement retrieval of valve collets
- Complete service tool kit for installation and removal of the valve spring without removing the cylinder head from the engine
- Valve pusher size: Ø22 mm
- Application: 12V, 16V, 20V, 24V engine

BLOW CASE: W570 x D240 x H60 (mm)

7PCS Valve Spring Compressor Kit



5 Interchangeable Driving Adapters:

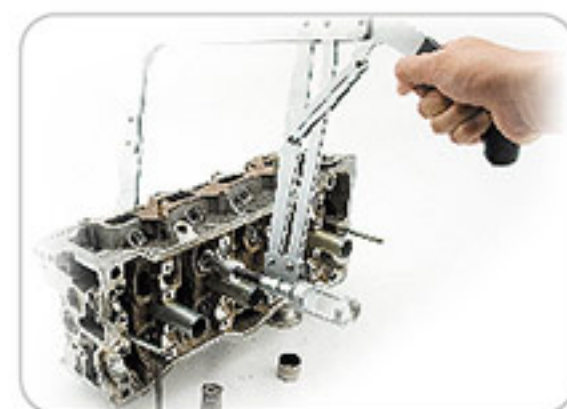


- This tool kit is designed to compress and release valve spring after removing the collets
- Arched-type steel tube lever ensures a consistent coaxial contact with the valve
- Includes 5 interchangeable driving adapters to fit valve springs: 16mm, 19mm, 23mm, 25mm, 30mm
- Driving adapters are made of heat treated Chrome Molybdenum Steel
- 2 lengths of pressure screws: 50mm & 90mm
- Application: Cars, motorcycles, small bore engines and etc.

ITEM NO.	CAPACITY (mm)	THROAT DEPTH (mm)	(SET)
JGAI0702	30 - 130	100	12

BLOW CASE: W340 x D195 x H50 (mm)

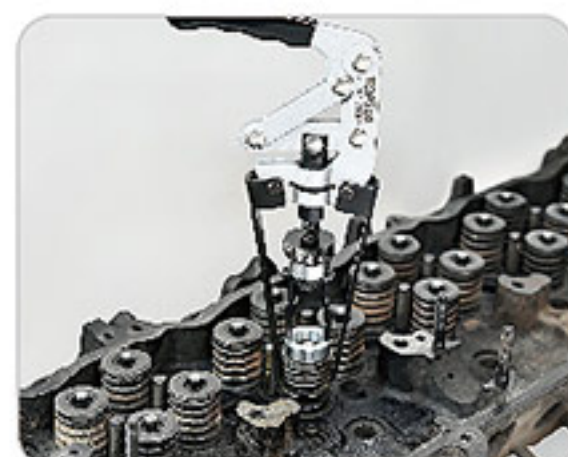
Valve Spring Compressor



- Designed to quickly and easily compress valve springs on multi-valve petrol and diesel engines
- Keep valve springs positively compressed during maintenance and repair work
- Direct action compressor lever for better access
- Suitable also for general use on OHC, OHV and CVH engines
- Includes two valve spring pushers, which fit valve spring retainers up to 25mm (1") and 30mm (1-3/16")
- Jaw opening of 35mm to 200mm (1-3/8" to 7-7/8") and a throat clearance of 250mm (9-13/16")

ITEM NO.	Adapter Size Ø (mm)	Jaw Opening (mm)		
JDA0143	25 & 30	35 - 200	3	6

Overhead Valve Spring Compressor



- Designed to remove valve springs and spring retainers quickly without removing cylinder head
- Cam action level design for secure valve spring locking into the tool
- Adjustable depth and dual-size drive adapter, fits most large and small valve springs
- Suitable for use on a wide range of OHV, OHC and CVH engines

ITEM NO.	Drive Adapter Size Ø (mm)		
JDA0330	25 & 30	6	24

Valve Stem Seal Pliers

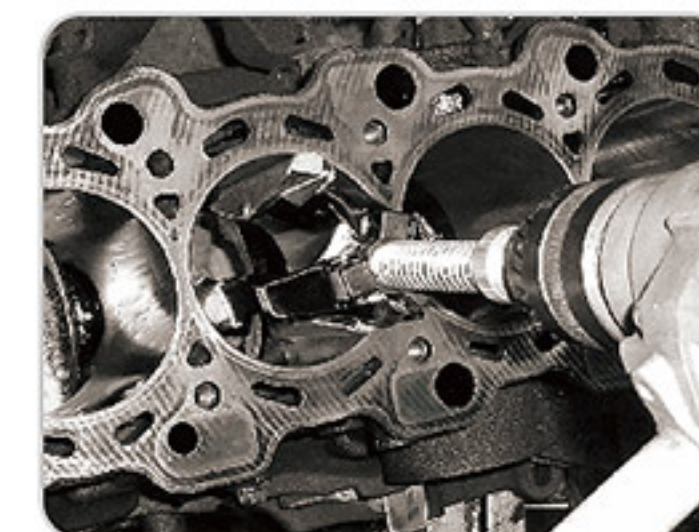
CR-MO



- Hardened jaws manufactured from chrome molybdenum alloy steel
- Serrated tip inside the jaws firmly grips both original equipment and aftermarket valve stem seals
- Small head and extra long neck design allow the tip to reach into confined area of the seal for easy removal
- Ideal for removing valve stem seals in multi-valves engine

ITEM NO.	LENGTH (mm)		
JDAT0109	250 (10")	12	48
JDAT0110	275 (11")	12	48

3-Leg Engine Cylinder Hone



- Suitable to use with standard 1/4" or any electric drill. Use appropriate fluid for cutting lubricant.
- Interchangeable honing
- Designed for general purpose honing and glaze breaking of cylinders, bearing, bores and pipes
- Spread limiter and adjustable spring allows easy insertion of hone into cylinder and ensure full stone contact with cylinder walls
- Supplied complete with 3pcs grit stones
- Application: Automotive brake and clutch cylinders, engine cylinders of motorcycles, lawn mowers, outboard motors, hydraulic cylinders, machine and industrial engines and etc.

ITEM NO.	CAPACITY	GRIT SIZE	L (mm)		
JDBE0322	Ø7/8" - Ø2-3/4"	# 220	190 (7-1/2")	25	100
JDBE0718	Ø2" - Ø7"	# 180	300 (12")	10	40

3PCS Engine Cylinder Hone Replacement Stone Set

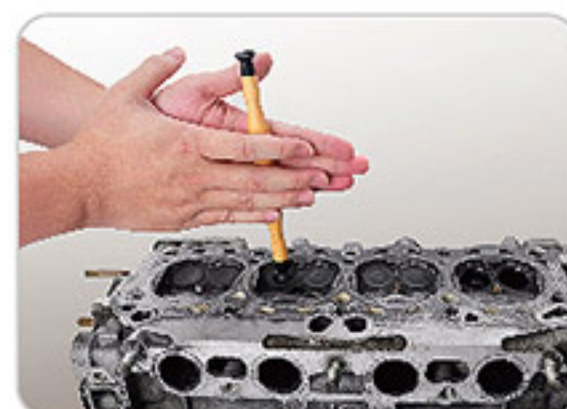


- For general purpose honing and glaze breaking
- Silicon carbide grinding stones bonded to holders
- Set includes 3pcs stones and cotter pins

ITEM NO.	STONE DIMENSION	GRIT SIZE		
JLAF2201	1-1/8"(L) x 13/64"(W)	# 220	25	200
JLAF1804	4"(L) x 13/32"(W)	# 180	25	200



2PCS Valve Grinder Set



Place grinding compound on valve face and put in seat. Put suction cup on valve head and turn handle between hands to grind.

- For hand grinding flat head, unslotted valves
- Synthetic rubber vacuum cups are resistant to oil, grease and gasoline
- 2 pieces in blister card packing

ITEM NO.	CONTENTS		
JGAR0201	1 JDBQ2026 Valve Grinder Tool Cup diameters: 5/8", 13/16" (for smaller valves)	12	108
	1 JDBQ3644 Valve Grinder Tool Cup diameters: 1-1/8", 1-3/8" (for larger valves)		

12PCS Air Valve Lapper Tool Kit



• Rotate left and right



ITEM NO. JGAI1205

Features:

- Pneumatic design for faster, more accurate and easier valve grinding
- Through automatic left and right rotation, the grinding surface is more uniform
- Lightweight (only 0.6kg), practical and easy to use with one hand
- Includes 5 sizes of suction cups 16, 20, 30, 35, 45 mm, 5pcs shafts and a 3mm hex allen key

Specifications:

- Blow Per Minute: 800 BPM
- Air Pressure: 90 PSI / 6.2 BAR
- Air Consumption: 2.12 CFM
- Air Inlet: 1/4" PT
- Min. Air Hose: 1/4"



5 (SET)

BLOW CASE: W320 x D230 x H90 (mm)

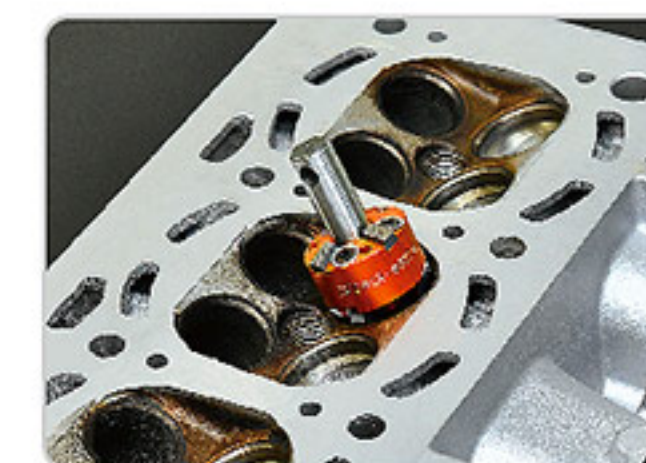
15PCS Valve Seat Milling Cutter Set

- Special designed tool for re-cutting inlet and exhaust valve seats concentric to the valve guides
- Works on both hardened and normal valve seats
- Precision machined, high hardness and high wear resistance tungsten carbide cutting blade
- Cutter blades can be individually adjusted to optimum adaptation to the valve seat
- Clean cut surface with no chatter marks
- Suitable for seats where valve sizes range from 28 to 65 mm in diameter



ITEM NO.	CONTENTS	6 (SET)
JGAI1502	1 Double Ended Cutter Ø28-Ø37mm 45° + 75°	
	1 Double Ended Cutter Ø28-Ø37mm 30° + Ø37-Ø44mm 75°	
	1 Double Ended Cutter Ø37-Ø46mm 45° + 60°	
	1 Double Ended Cutter Ø37-Ø46mm 30° + Ø44-Ø52mm 75°	
	1 Double Ended Cutter Ø46-Ø60mm 30° + 45°	
	1 Double Ended Cutter Ø52-Ø65mm 60° + 75°	
	1 Expandable Pilot Pin Guide Ø7-Ø8.7mm	
	1 Expandable Pilot Pin Guide Ø8-Ø9.8mm	
	1 Expandable Pilot Pin Guide Ø9-Ø11mm	
	1 Expandable Pilot Pin Guide Ø11-Ø12.5mm	
	1 Pilot Pin Guide Ø5.5mm	
	1 3 Pin Cutter Driver Wrench	
	1 Small Bar (L=50mm)	
	1 Large Bar (L=240mm)	
	1 Star Key Wrench (T10)	

BLOW CASE: W302 x D231 x H50 (mm)



Precision Straight Edge



- Manufactured from high grade carbon steel plate
- Specially designed tool for testing for distortion on cylinder heads and engine blocks during engine overhauls and rebuilds
- Perfect for checking warpage on engines and machine parts
- Use with feeler gauges to check for distortion and alignment in engine blocks, cylinder heads, flywheels and etc.
- Suitable for 4 and 6 cylinders engines or smaller engines
- Precision ground straight edge to accuracy of 0.05mm
- Wide base to stand on edge unsupported
- Integrated convenient hanging hole for easy storage

ITEM NO.	LENGTH (mm)	WIDTH (mm)	THICKNESS (mm)	TOLERANCE (mm)	SET (SET)
JDCU6036	600	36	16	< 0.05	5

BLOW CASE: W630 x D67 x H42 (mm)

7PCS Diesel Injector Seat Cutter Set

- Designed for cleaning and refacing diesel injector seats within the cylinder head
- Use to clean and decarbonise injector seats when changing injectors
- Kit includes 4 cutting/reaming heads to suit most common injector seats
- Suitable for standard and common rail diesel applications



ITEM NO.	CONTENTS	SET (SET)
JGAI0704	1 T-Handle Socket Wrench - 19 mm 1 Pilot Post 1 Flat Reamer - 15 x 19, 17 x 17, 17 x 19 mm 1 Angled Reamer - 17 x 21 mm 1 Hex Key Wrench - 2.5 mm	10

BLOW CASE: W217 x D165 x H50 (mm)

- Select appropriate cutter size and fit onto the pilot

Diesel Injector Puller Tool Set

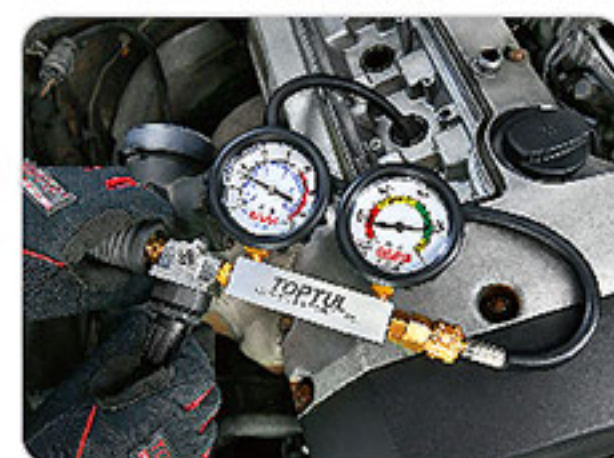
- Designed for quick and easy removal of stubborn diesel injectors
- Suitable for Bosch & Lucas type diesel injectors
- Slide hammer mechanism completed with M8, M12/M14 adapters
- Includes M17 adapter for GM Vauxhall / Opel injectors (X20DTH / Y20DTH series engines)



ITEM NO.	CONTENTS	SET (SET)
JGAI0101	1 Slide Hammer Assembly 1 M8 x 0.75 Adapter 1 M12 x 1.5 & M14 x 1.5 Adapter 1 M17 x 0.75 Adapter	10

BLOW CASE: W292 x D116 x H57 (mm)

4PCS Cylinder Leakage Tester Set



- ITEM NO. JGAI0404E 10 (SET)
- Special diagnostic tool kit for testing the sealing capability of engine cylinders
 - Designed to detect a variety of common engine faults such as worn piston rings, cylinder head cracks, burnt or leaking valves, faulty head gaskets and etc.
 - Shock protected and large easy-to-read dual gauges display inlet pressure (0 - 150 PSI / 0 - 10 BAR) and percentage of cylinder leakage (0 - 100%)
 - Cylinder leakage gauge displays leakage as a percentage of input pressure in one of three distinctive zones: high, moderate or low
 - Equipped with M10, M12 adapters and one 25" quick-connect hose with built-in M14 and M18 adapters
 - Suitable for use on most petrol engines with M10, M12, M14 or M18 spark plugs and various diesel engines

BLOW CASE: W322 x D250 x H70 (mm)

Diesel Injector Copper Washer Removal Tool



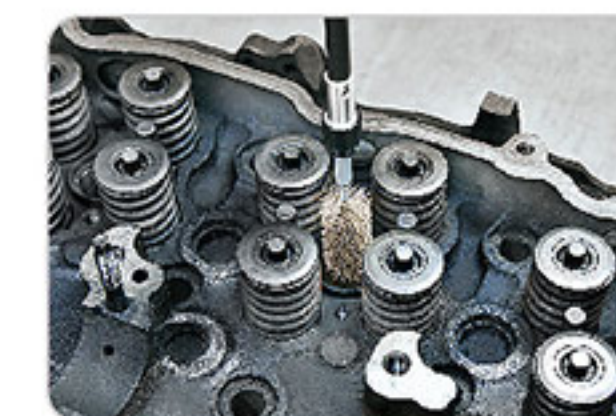
ITEM NO. JGAI0103

20 (SET)

- Specially designed tool for quickly removing and installing copper washers of diesel injectors
- Expandable collet securely holds washers in place for damage-free removal
- 230mm extra long shaft allows working on deep seated injectors
- Applicable to copper washers with an inner diameter of 7.0 up to 8.7mm

BLOW CASE: W300 x D90 x H65 (mm)

14PCS Universal Diesel Injector Seat Cleaner Set



- Specially designed tool kit to clean injector port and seating surface prior to fitting new injectors
- Efficiently cleans carbon deposits and greasy dirt in the diesel injector seat
- Provides a smooth contact surface for the injector seat and helps to avoid blowback caused by poorly seated injectors
- Features reusable plugs to prevent contaminants and debris from falling into cylinders during cleaning process
- Suitable for all common rail diesel engines

ITEM NO. JGAI1404

20 (SET)

- 1 Flexible Extension Bar with Magnetic Quick Chuck - L=225mm
- 2 Brass Coated Steel Wire Brushes - Ø18, 22, 25mm (for removing combustion residues on injector ports)
- 2 Silicone Nylon Brushes - Ø15 & 20mm (for cleaning injector seat surfaces in the cylinder head)
- 1 Thin Bore Wire Brush - Ø8mm x 300(L)mm (for cleaning the injector nozzle port)
- 1 Injector Bore Sealing Plugs (for sealing the combustion chamber)
- 1 Sealing Plug Mounting Bar - L=200mm

BLOW CASE: W360 x D142 x H62 (mm)

450PCS Injector Copper Sealing Ring Kit



- For sealing injector ports on common rail diesel injection systems (CDI)
- Suitable for most of popular nozzles of injector system
- Use to install in the diesel injector after removing the old damaged washers or when changing new injectors
- Kit contains 450pcs copper seals/washers, 30pcs for each size

ITEM NO. JGEW450A

12 (SET)

- Sealing Ring Sizes: Outside Diameter x Inside Diameter x Thickness (mm)
- Ø13.85xØ7.3x1.4, Ø14.6xØ7.5x1.3, Ø14.6xØ7.5x3, Ø15xØ7x2, Ø15xØ7.5x1, Ø15xØ7.5x1.5, Ø15xØ7.5x2, Ø15xØ7.5x2.5, Ø15xØ7.5x3, Ø15.5xØ7.5x2, Ø16xØ7.5x1.5, Ø16xØ7.5x1.7, Ø16xØ7.5x2, Ø16.4xØ7.4x2, Ø20xØ9.4x0.9

PLASTIC BOX: W205 x D145 x H39 (mm)

Oil Screw Socket (M16H)

CR-V



- Made of Chrome Vanadium Alloy Steel
- For removing and installing of the gearbox drain plug
- Operated by 17mm wrench or socket
- Application: Audi, VW oil screws and etc.

ITEM NO.	SIZE (mm)	L (mm)	SET (SET)
JDBB1617	17	M16H	38 10 180

1/2" DR. Oil Drain Plug Socket

SNCM+V



- Made of expert quality, hardened and tempered Chrome Molybdenum Steel
- A special 12 point (triple square) tamperproof socket used to remove the transmission drain plug
- Tamperproof design for removing and installing the oil release bolts / screws on the transmission and gearbox
- Application: Audi A4-A6, VW Passat, Porsche Boxster and etc.

ITEM NO.	DRIVE	SIZE	L (mm)	SET (SET)
JDBC1616	1/2"	M16H	60	10 60

Oil Drain Plug Wrench for VAG



- Specially designed tool for removing and installing the plastic oil drain plug without damage
- Features T-handle for quick operation
- Suitable for VAG 1.8, 2.0 TSI / TFSI; 1.6, 2.0 TDI and Porsche Type 991 / Type 95B engines
- Application:
VW - Beetle, Caddy, CC, Golf, Jetta, Passat, Polo, Scirocco, Sharan, Tiguan, Touran
Audi - A1, A3, A4, A5, A6, A7, Q3, Q5, Q7, TT, TTS
Škoda - Octavia, Rapid, Superb, Yeti
Seat - Alhambra, Ibiza, Leon, Toledo
Porsche - 911 Carrera, Carrera S, Carrera 4, Carrera 4S, Targa 4, Targa 4S 3.0L (2017~) and Macan 2.0L (2017~)

ITEM NO.	DRIVE	SIZE (mm)	L (mm)	W (mm)	H (mm)
JDCR0109	3/8"	17	90	80	12 72

3/8" DR. Oil Drain Plug Bit Socket for VAG



- Specially designed tool for removing and installing the plastic oil drain plug without damage
- 3/8" square drive with 17mm hex shank
- Suitable for VAG 1.8, 2.0 TSI / TFSI; 1.6, 2.0 TDI and Porsche Type 991 / Type 95B engines
- Application:
VW - Beetle, Caddy, CC, Golf, Jetta, Passat, Polo, Scirocco, Sharan, Tiguan, Touran
Audi - A1, A3, A4, A5, A6, A7, Q3, Q5, Q7, TT, TTS
Škoda - Octavia, Rapid, Superb, Yeti
Seat - Alhambra, Ibiza, Leon, Toledo
Porsche - 911 Carrera, Carrera S, Carrera 4, Carrera 4S, Targa 4, Targa 4S 3.0L (2017~) and Macan 2.0L (2017~)

ITEM NO.	DRIVE	SIZE (mm)	L (mm)	W (mm)	H (mm)
JDCR0203	3/8"	17	33.5	12	144

TOPTUL MASTER OIL DRAIN PLUG KEY SET

14PCS 3/8" DR. Master Oil Drain Plug Key Set

CR-V



- Popular keys for draining differentials, sumps, axles and gearboxes on most modern vehicles
- Drain plug keys made of hardened and tempered Chrome Vanadium Steel
- Suitable for use with 3/8" square drive tools
- Applications: BMW, Citroën, Fiat, Ford, Honda, Lancia, Mazda, Nissan, Mercedes-Benz, Peugeot, Renault, Toyota, Volvo, VW and etc.



ITEM NO.	CONTENTS	25 (SET)
JGAI1402	• JDBF1208~1217 • 3/8" Dr. Oil Drain Plug Hexagon Key 8, 9, 10, 12, 14, 17 mm • JDBH1207~JDBH1213 • 3/8" Dr. Oil Drain Plug Square Key 7, 8, 11, 13 mm • JDBJ1210 & 1212 • 3/8" Dr. Oil Drain Plug Square Key 5/16" & 3/8" • JDBK1210 • 3/8" Dr. Oil Drain Plug Female Square Key - 10 mm • JDBL1210 • 3/8" Dr. Oil Drain Plug Triangle Key 10 mm	

BLOW CASE: W220 x D90 x H47 (mm)

14PCS Master Oil Drain Plug Key Set

CR-V



- Popular keys for draining differentials, sumps, axles, gearboxes on most modern vehicles
- Drain plug keys made of hardened and tempered Chrome Vanadium Steel
- Suitable for use with 17mm wrenches or sockets
- Black phosphate finished
- Applications: BMW, Citroën, Fiat, Ford, Honda, Lancia, Mazda, Nissan, Mercedes-Benz, Peugeot, Renault, Volvo, VW and etc.



ITEM NO.	CONTENTS	15 (SET)
JGAI1403	• JDCG1708~1717 • Oil Drain Plug Hexagon Key 8, 9, 10, 12, 14, 17 mm • JDCG1712 • Oil Drain Plug Hexagon Key 3/8" • JDCG1708~1713 • Oil Drain Plug Square Key 8, 9, 10, 11, 12, 13 mm • JDCM1716 • Oil Drain Plug Triple Square Tamperproof Key - M16H	

BLOW CASE: W252 x D120 x H40 (mm)

Oil Service Wrench

CR-V



ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
JEL-0810	8 x 10	230	10	40

- Chrome Vanadium Steel Material
- Bent, size 8mm and 10mm outside male square
- Suitable for the removal of oil drain and filler plug on gearbox, sump and differential
- Applications: Citroën, Peugeot, Renault and etc.

Oil Filter Chain Wrench



ITEM NO.	MAX. CAPACITY Ø (mm)	W (mm)	H (mm)
JDDA1612	120 (4-11/16")	12	72



- Removes any oil filters up to 4-11/16" (120mm) diameter
- Chain style enables to grips oil filter tightly
- Use with 1/2" square drive tools or 13/16" (21mm) wrench

Strap Wrench



- Special-purpose oil filter strap wrench
- One piece forged construction for maximum strength and durability
- Rubber coated on the strong woven strap to prevent slipping
- Perfect use for polished pipes, plastic pipes and fittings against with scratch damage or deformation

ITEM NO.	CAPACITY Ø (mm)	L (inch)	W (mm)	H (mm)
JJAH0902	30 - 160	9	10	60
JJAH1102	60 - 260	11	12	36

Chain Wrench



- Tempered and hardened high-grade tool steel chain and body
- Double-hinge construction for high clamping power
- Ratchet-style action design works in both directions
- Flexible handle enables to work in narrow spaces
- Non-slip, comfort plastic coating handles
- Ideal for automotive oil filter replacement
- Handle length: 230mm (9")



ITEM NO.	CAPACITY Ø (mm)	CHAIN LENGTH (mm)	W (mm)	H (mm)
JDBA60A5R	60 - 105	350 (14")	6	24
JDBA60G0R	60 - 160	520 (20-1/2")	6	24

Heavy Duty Chain Wrench



- Heavy duty heat treated chain
- Chrome Molybdenum Steel handle
- Serrated jaws allows firm ratcheting action in either direction
- Long steel handle for added leverage
- Cushioned soft grip allows a better grip and less hand fatigue
- Ideal for filter removal, turning larger pipes and holding pulleys

ITEM NO.	GRIPPING CAPACITY Ø (mm)	CHAIN LENGTH (mm)	HANDLE LENGTH (inch)	W (mm)
JJAH1203	13 - 152 (1/2" - 6")	510 (20")	12	20
JJAH2003	76 - 172 (3" - 6-3/4")	620 (24-1/2")	20	10

Nylon Strap Oil Filter Wrench



- Removes any oil filters up to 12" (300mm) diameter
- Strong, non-slip nylon webbing strap
- Use with 3/8" or 1/2" square drive tools

ITEM NO.	MAX. CAPACITY Ø (mm)	W (mm)	H (mm)
JDAV1630	300 (12")	10	40

Nylon Strap Oil Filter Wrench



- Removes any oil filters up to 6" (152mm) diameter
- Strong, non-slip nylon webbing strap
- Use with 1/2" square drive tools

ITEM NO.	MAX. CAPACITY Ø (mm)	W (mm)	H (mm)
JDAV1615	152 (6")	12	72

Chain Wrench

- One-piece forged construction for maximum strength and durability
- Machined & hardened teeth are designed to grip any object tightly
- Quickly adjusts for another turn without removing the tool or resetting the chain
- Suitable for working in narrow places where regular pipe wrenches cannot reach
- Ideal for mounting and de-mounting pipes and also works on most oil filters
- Gripping capacity:
30 to 160mm (1-3/16" to 6-5/16") in diameter
- Handle length: 225mm (9")
- Chain length: 585mm (23")



ITEM NO.	CAPACITY Ø (mm)	CHAIN LENGTH (mm)	W (mm)	H (mm)
JJAH0901	30 - 160	585 (23")	25	50

Oil Filter Master Pliers

(CR-V)



- Made of drop forged Chrome Vanadium Alloy Steel
- Precision machined & hardened jaw teeth are capable to grip objects firmly
- Serrated jaw design easily clamps oily and stubborn filters without slipping
- Strong locking mechanism with one-hand quick release lever
- Jaw opening adjustment screw to fit most oil filters
- Ideal for a secure grip when removing and installing different types of oil filters
- Filter gripping capacity:
53 to 118mm (2-1/8" to 4-5/8") in diameter
- Nickel plated finish for excellent corrosion and wear resistance

ITEM NO.	SIZE (inch)		
DMAC1A10	10	12	48

Professional Swivel Handle Oil Filter Wrench



- Heavy duty oil filter wrench
- Swivel handle allows user to reach filters in hard to reach places
- Wide band securely grips filters without crushing
- Easy grip comfortable handle

ITEM NO.	CAPACITY Ø (mm)		
JDAU6073	60 - 73 (2-3/8" - 2-7/8")	6	36
JDAU7385	73 - 85 (2-7/8" - 3-3/8")	6	36
JDAU8595	85 - 95 (3-3/8" - 3-3/4")	6	36
JDAU95B0	95 - 110 (3-3/4" - 4-3/8")	6	36

6PCS Oil Filter Cap Socket Set

- Made of heat treated, durable Chrome Vanadium Alloy Steel
- For quick removal and installation of the oil filter canisters and covers when replacing the oil filter insert
- The 6-point hex wall construction enables firm grip on the filters without damage to the filter housing
- Extra low profile design for use in confined spaces
- Withstands up to 180 Nm (133 Ft-Lb) of torque applied
- Use with 3/8" square drive tools
- Application: Audi, BMW, Cadillac, Ford, GM, Mercedes-Benz, Mini, Nissan, Opel, Renault, Seat, Škoda, Vauxhall, VW and etc.

(CR-V)



ITEM NO.	CONTENTS		
JGAI0603	JDEA1224 24 BMW N62 (5 / 7 Series), Cadillac and etc.	12 (SET)	
	JDEA1227 27 Ford, Mercedes-Benz (A Class), Nissan (1.5, 1.9, 2.2, 2.5 DCI), Renault and etc.		
	JDEA1230 30 Audi, Škoda, Seat, VW and etc.		
	JDEA1232 32 GM, Mercedes-Benz, Opel / Vauxhall (Astra-G, Corsa-B, Zafira) and etc.		
	JDEA1236 36 BMW, Ford vehicles with Duratorq diesel engines and the new style Transit vans, Mercedes-Benz, Mini, Opel / Vauxhall (Omega DL 16V, Vectra 2.0, Zafira), VW and etc.		
	JDEA1238 38 Opel / Vauxhall Vectra 2.0L diesel engine and etc.		

BLOW CASE: W210 x D150 x H50 (mm)

Oil Filter Pliers



- Drop forged construction for high strength and durability
- Multi-position slip-joint design provides a quick adjustment of jaw opening
- Serrated jaws and long handles for extra grip on oily and stubborn filters
- Double dipped non-slip plastic grip handles for added comfort and control

ITEM NO.	SIZE (inch)	CAPACITY Ø (mm)		
JDAA1010	10	50 - 80 (1-31/32" - 3-9/64")	10	40
JDAA1212	12	60 - 115 (2-23/64" - 4-33/64")	10	40

Cup Type Oil Filter Wrench (For 4-Cylinder TOYOTA Engines)



- Robust one piece aluminum casting alloy construction
- Special cup type wrench for quick installation and dismantling of the oil filter caps when replacing the oil filter insert
- Multiple contact points to reduce rounding and allow easy removal of the caps
- Suitable for 4-cylinder petrol and diesel engines from 1.8L to 2.0L
- Use with 3/8" square drive tool or 27mm wrench/socket
- Application: Toyota vehicles such as Allion, Auris, Corolla Axio, Isis, Ist, Corolla Rumion, Corolla, Fielder, Noah, Premio, Prius, Voxy, Wish and etc.

ITEM NO.	SIZE (mm)	FLUTES		
JDDH6500	64.5	14	10	40

Cup Type Oil Filter Wrench (For 4, 6 and 8-Cylinder TOYOTA Engines)



- Robust one piece aluminum casting alloy construction
- Special cup type wrench for quick installation and dismantling of the oil filter cap when changing the oil filter insert
- Multiple contact points to reduce rounding and allow easy removal of the caps
- Suitable for 4, 6, 8-cylinder diesel engines
- Use with 3/8" square drive tool or 27mm wrench/socket
- Application: Toyota vehicles such as all V6 (2007-2008), 4-cylinder Corolla (2007-2009), V8 Tundra (2007), V8 Sequoia (2008), V8 Land Cruiser (2008-2010), 4 and 6-cylinder 4Runner (2008-2010) Lexus vehicles such as all vehicles (2006), ES350/GS350/GS450h/LS460/RX350 (2007), LS600hL (2008), LX570 (2009)

ITEM NO.	SIZE (mm)	FLUTES		
JDDH6501	64.5	14	10	40

Cup Type Oil Filter Wrench



14PCS Automotive Cup Type Oil Filter Wrench Set



- High strength all metal construction
- Low profile design withstands up to 115Nm (85 ft-lbs) of torque
- Cup-shaped wrench grips firmly as a socket on oil filter eliminating crushing of the filter
- Coated with electro-black oxide finish for long life protection against rust
- Set includes 1/2" (F) to 3/8" (M) drive adapter
- 14 different styles and sizes of wrenches fit from 64 to 100mm oil filters in diameter
- Mainly suitable for Japanese vehicles

ITEM NO.	CONTENTS		
JGAI1401	1 64mm (2-1/2") - 14 Flutes-1 Step	6 (SET)	
	1 65mm (2-9/16") - 14 Flutes-1 Step		
	1 68mm (2-11/16") - 14 Flutes-1 Step		
	1 73mm (2-7/8") - 14 Flutes-1 Step		
	1 74mm (2-29/32") - 15 Flutes-1 Step		
	1 74 - 76mm (2-29/32" - 3") - 15 Flutes-2 Step		
	1 76mm (3") - 30 Flutes-1 Step		
	1 75 - 77mm (2-15/16" - 3-1/32") - 15 Flutes-2 Step		
	1 80mm (3-9/64") - 15 Flutes-1 Step		
	1 90mm (3-17/32") - 15 Flutes-1 Step		
	1 93mm (3-21/32") - 15 Flutes-1 Step		
	1 93mm (3-21/32") - 36 Flutes-1 Step		
	1 100mm (4") - 15 Flutes-1 Step		
	1 Adapter - 1/2"(F) x 3/8"(M) Drive		

BLOW CASE: W415 x D264 x H81 (mm)

TYPE	ITEM NO.	SIZE(mm)	FLUTES	APPLICATIONS		
A	JDAH6414	64 (2-1/2")	14	Infiniti, Nissan, Toyota, Acura, Honda filters and etc.	12	72
	JDAH6514	65 (2-9/16")	14	Fiat, Champ, Daihatsu, Toyota, Nissan, Hastings, GM/AC, Vix, Napa, Purolator filters and etc.	12	72
	JDAH6814	68 (2-11/16")	14	Mazda, Ford Escort, Capri, Subaru, Hastings, Fram PH6607, Motorcraft FL816 filters and etc.	12	72
	JDAH7314	73 (2-7/8")	14	Toyota, Lexus filters and etc.	12	72
	JDAH7414	74 (2-29/32")	14	Audi, BMW, Citroën, Fiat, Ford, Lancia, Mazda, Mercedes-Benz, Nissan, Opel, Peugeot, Renault, Porsche, Suzuki, Toyota, Vauxhall, VW filters and etc.	12	72
	JDAH7415	74 (2-29/32")	15	Audi (#056-115-561G), GM, Rover, Chrysler, MF filters and etc.	12	72
	JDAH7608	76 (3")	8	Fiat (z.B. Marela), Lancia (z.B. Delta) filters and etc.	12	72
	JDAH7614	76 (3")	14	Champion, Champ, Lee, Purolator, Mopar, VW, Porsche, Mercedes-Benz, BMW, Audi, Toyota, Opel filters and etc.	12	72
	JDAH8015	80 (3-9/64")	15	Nissan, Honda, Mazda, Isuzu, Subaru, Hastings, Fram, Purolator, Motorcraft filters and etc.	12	72
	JDAH8616	86 (3-3/8")	16	Volvo (S40, S60, S70, S80) filters and etc.	12	72
	JDAH9015	90 (3-17/32")	15	Honda Accord, Mitsubishi, Mopar, Isuzu filters and etc.	12	72
	JDAH9210	92 (3-40/64")	10	Fiat (Cinquecento, Coupe, Croma, Panda, Regata, Ritmo, Seicento, Tempra, Tipo), Lancia (Beta, Dedra, Kappa, Montecarlo, Prisma, Thema, Trevi) filters and etc.	12	72
	JDAH9315	93 (3-21/32")	15	Casite, Champ, Champion, GM, Fram, Hastings, Purolator, Wix, Nissan, Volvo, Mazda, Audi, VW, Porsche, Renault filters and etc.	12	72
	JDAHA015	100 (4")	15	Isuzu, Mitsubishi, Fram, Motorcraft, Wix filters and etc.	12	72
B	JDAHA615	106 (4-11/64")	15	Fiat (Ducato 2.5D/TD) filters and etc.	12	72
	JDAHA815	108 (4-8/32")	15	Volvo (C70, S70, V70 TDI/TD, 850 TDI/TD) filters and etc.	12	72
	JDAH6606	66 (2-19/32")	6	Fiat (Punto 1.2), Renault (Clio 1.2 Express, Kangoo, Rapid, Twingo) filters and etc.	12	72
	JDAH7612	76 (3")	12	Fiat (z.B. Ducato, Scudo, Ulysse), Renault (Megane, Laguna, Espace III) filters and etc.	12	72
	JDAH7630	76 (3")	30	Ford, Motorcraft (only FL400A) filters and etc.	12	72
	JDAH8618	86 (3-3/8")	18	VW (Golf, MKIII TDI, Passat TDI), Audi (A6 TDI), Renault (Clio, Rapid 1.9D, Laguna, Safrane, Espace 2.1D), Citroën, Peugeot filters and etc.	12	72
	JDAH9336	93 (3-21/32")	36	Ford, Motorcraft (FL1A, FLA1B, FL300, FL820) filters and etc.	12	72
	JDAH9345	93 (3-21/32")	45	VW, Audi (TDI 2.4, 2.6, 2.8L) filters and etc.	12	72
	JDAH9618	96 (3-3/4")	18	Audi (A4 TDI), VW (Passat 97 TDI), Renault (Laguna 2.2D, Safrane 2.2D, Espace 2.2D, R19 2.2D, Rapid, Megane 1.9/2.1D TDI) filters and etc.	12	72
	JDAHA818	108 (4-8/32")	18	Renault (Espace, Laguna, Master, Safrane, Trafic 2.4, 2.5, 2.8 D/TD) filters and etc.	12	72
	JDAH7615	74 - 76 (2-29/32" - 3")	15	Fram, AC, Saturn, Opel, VW, Audi, Mercedes-Benz filters and etc.	12	72
	JDAH7715	75 - 77 (2-15/16" - 3-1/32")	15	VW, Audi, GM/AC, Ford, Isuzu, Mercedes-Benz, Opel, Hastings, Wix, Napa, Casite filters and etc.	12	72

16PCS Automotive Cup Type Oil Filter Wrench Set



- Low profile design withstands up to 115Nm (85 ft-lbs) of torque
- Mainly suitable for European vehicles

ITEM NO.	CONTENTS		
JGAI1601	1 66mm (2-19/32") - 6 Flutes-1 Step	5 (SET)	
	1 74 - 76mm (2-29/32" - 3") - 15 Flutes-2 Step		
	1 76mm (3") - 8 Flutes-1 Step		
	1 76mm (3") - 12 Flutes-1 Step		
	1 76mm (3") - 14 Flutes-1 Step		
	1 86mm (3-3/8") - 16 Flutes-1 Step		
	1 86mm (3-3/8") - 18 Flutes-1 Step		
	1 92mm (3-40/64") - 10 Flutes-1 Step		
	1 93mm (3-21/32") - 15 Flutes-1 Step		
	1 93mm (3-21/32") - 45 Flutes-1 Step		
	1 96mm (3-3/4") - 18 Flutes-1 Step		
	1 106mm (4-11/64") - 15 Flutes-1 Step		
	1 108mm (4-8/32") - 15 Flutes-1 Step		
	1 108mm (4-8/32") - 18 Flutes-1 Step		
	1 3-Legged Oil Filter Wrench - 65 to 120mm (2-1/2" - 4-3/4")		
	1 Adapter - 1/2"(F) x 3/8"(M) Drive		

BLOW CASE: W446 x D318 x H90 (mm)

3-Legged Oil Filter Wrench

- Adjustable 3-jaw design oil filter wrench
- Removes or tightens oil filters from 65 to 120mm in diameter
- For both clockwise and counterclockwise operation
- Gear-driven and heat-treated jaws for high torque application
- Includes extra 1/2" (F) to 3/8" (M) drive adapter
- Use with 1/2" drive or 3/8" drive tool or 21mm wrench/socket



ITEM NO.	CAPACITY Ø (mm)		
JDAI65A2	65 - 120 (2-9/16" - 4-23/32")	12	48

Two Way Oil Filter Wrench

- Specially designed tool to install and remove the oil filter easily and quickly
- Steel jaws securely grip the oil filter without slipping
- Use with 3/8" square drive tool or 17mm wrench
- Filter gripping capacity: 65 to 95mm (2-9/16" to 3-3/4")
- Material: CR-MO (SCM4130)



ITEM NO.	CAPACITY Ø (mm)		
JDA0808	65 - 95 (2-9/16" - 3-3/4")	6	36

Two Way Oil Filter Wrench

- Made of premium Chrome Molybdenum Alloy Steel
- Two-way, adjustable jaw design remove and install oil filters without damaging the filter housing
- Self-locking by inside spring mechanism for more efficient fitting and removal
- Special serrated jaws for clamping the filter firmly without slipping
- Use with 1/2" square drive tool



ITEM NO.	CAPACITY Ø (mm)	● (mm)		
JDA0108	60 - 80	21	6	36
JDA0112	80 - 115	22	1	8
JDA0114	115 - 140	24	1	4

1/2 DR. Diesel Fuel Filter Socket (For 2.0 / 2.2 HDi, 2.0 TDCi, 2.0 JTD)

(CR-V) (DIN 3120)



- Made of heat treated and tempered Chrome Vanadium Alloy Steel
- For removing and installing diesel filter elements from filter housings mainly on 2.0 and 2.2 HDi engines
- Special design with fuel drain valve groove to prevent damage to the plastic cover
- Application: Citroen: C4, C4 Picasso, C5, C8, Jumpy Fiat: Scudo, Ulysse Mk II Ford: Focus, Focus C-Max, Galaxy, Kuga, S-Max Peugeot: 307, 308, 407, 607, 807, Expert Volvo: C30, C70, S40 Mk II, V50 Land Rover, Mitsubishi
- Engines: 2.0 HDi, 2.2 HDi, 2.0 TDCi, 2.0 JTD

DRIVE	ITEM NO.	SIZE (mm)	L (mm)		
1/2"	JDCX1627	27	46	25	100

1/2 DR. Diesel Fuel Filter Socket (For FORD 2.0 TDCi)

(CR-V) (DIN 3120)



- Made of heat treated and tempered Chrome Vanadium Alloy Steel
- For removing and installing the diesel filter element from the filter housing on Ford 2.0 EcoBlue TDCi engines (from 2016)
- Special design with fuel drain valve groove to prevent damage to the plastic cover
- Application: Ford: Transit, Transit Custom, Tourneo Custom

DRIVE	ITEM NO.	SIZE (mm)	L (mm)		
1/2"	JDCX1632	32	45	25	100

1/2" DR. Pentagon Sockets

(CR-V) (DIN 3120)

- Made of robust Chrome Vanadium Alloy Steel
- Specially designed pentagonal profile sockets for adjusting and installing most Bendix hand brake systems as well as hydraulic pumps or fuel pumps on diesel or small engine vehicles
- Manganese phosphate finish provides better wear resistance



Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	APPLICABLE		
1/2"	JEBK1610	10	37	For hydraulic pump on diesel car	20	120
	JEBK1612	12.5	38	For the fuel pump on Nissan	20	120
12.5mm Sq.	JEBK1614	14	38	For Bendix brake systems of Mercedes-Benz, Smart, Opel Astra G & Zafira, Ford, Mazda and etc.	20	120
	JEBK1619	19	38	For Bendix brake system of Citroën, Renault, Peugeot and etc.	15	120

1/2" DR. Pentagon Bit Socket (10mm)

(CR-V+S2) (DIN 3120)

- Specially designed and precision machined pentagonal profile S2 bit
- Suitable for most vehicles equipped with Girling brake system



Satin Chrome Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)		
1/2"	JECK1610	10	56	10	160

3PCS 1/2" DR. Pentagon Socket & Bit Socket Set (For Brake Caliper)

(CR-V) (DIN 3120)

- Premium made Chrome Vanadium Alloy Steel sockets and S2 bit
- Suitable for adjusting and installing most Bendix and Girling brake systems
- Set includes 14 and 19mm sockets & 10mm bit socket
- For use with 1/2" square drive tools
- Application: Mercedes-Benz, Smart, Opel Astra G & Zafira, Ford, Mazda, Citroen, Renault, Peugeot and etc.



ITEM NO.	CONTENTS		
JGAI0303	1 JEBK1614 1/2" Dr. Pentagon Socket - 14mm (L=38mm) 1 JEBK1619 1/2" Dr. Pentagon Socket - 19mm (L=38mm) 1 JECK1610 1/2" Dr. Pentagon Bit Socket - 10mm (L=56mm)	10 (SET)	40 (SET)

BLOW CASE: W120 x D95 x H49 (mm)

6PCS 3/4" DR. Deep Impact Socket Set - Star & 12PT

(CR-MO) (DIN 3121)

- Made of impact quality Chrome Molybdenum Alloy Steel
- Suitable for removing and installing the HGV cylinder head bolts
- Black phosphate finish for extended corrosion resistance
- Applications: 17mm (12PT) for MAN, Mercedes-Benz 400/420/500 19mm (12PT) for Mercedes-Benz 300/400/900 Actros E18 for MAN M2000 and MAN buses with D08 engines E20 for MAN F2000, F90, F8 and MAN buses with D25/D28 engines E22 for MAN TGA engines E24 for MAN D20 engines



ITEM NO.	CONTENTS		
JGAI0602	2 KABF2417 & KABF2419 3/4" Dr. 12PT Flank Deep Impact Sockets (L=110mm) 17 & 19 mm 4 KABS2418-2424 3/4" Dr. Deep Star Impact Sockets (L=110mm) E18, E20, E22, E24	6 (SET)	

BLOW CASE: W272 x D212 x H59 (mm)

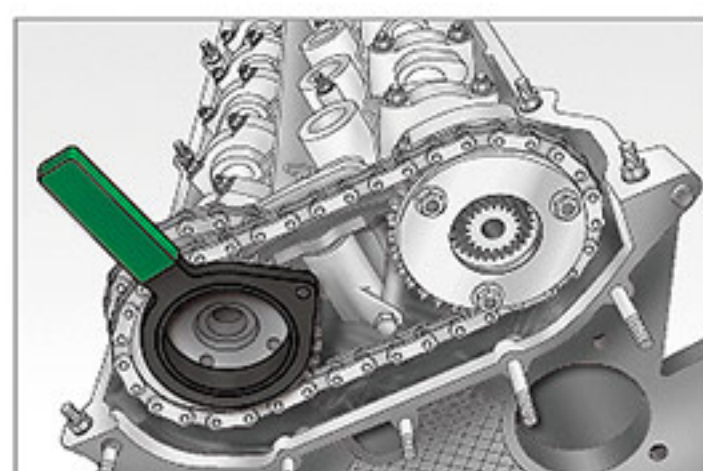
22PCS Radial Seal Removal and Installation Kit



ITEM NO.	CONTENTS		
JGAI2201	Comprehensive kit for the removal and installation of oil seals without damaging the new seal or housing Compact puller allows for easy removal of fixed radial sealing rings Universally usable for radial sealing ring of 27 to 58mm in diameter Suitable for all pressed radial sealing rings such as cam, crank, balance shafts and etc. Kit contains 7 press sleeves for mounting of radial sealing rings, 7 adapter rings for central bolts (M8-M20), 4 spacers to compensate the differences in length of central screw, one installer plate and one 2-claw puller for pulling tightly fitted radial sealing rings (comes with 2 pairs of hooks, approx. 64mm puller range)	10 (SET)	

BLOW CASE: W445 x D190 x H45 (mm)

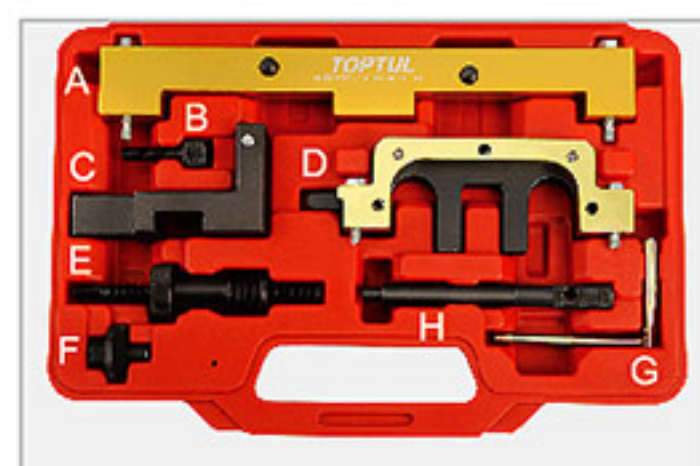
**BMW VANOS Unit Sprocket
Extractor / Installer**



- Suitable for the BMW twin camshaft engines M42, M44, M50, M52, S50 and S52 with VANOS unit
- For turning sprockets when removing and installing VANOS Unit

ITEM NO.	L (mm)	12	48
JDDP1765	170		

8PCS BMW Engine Timing Tool Set



ITEM NO. JGAI0803

10 (SET)

- A specific tool set designed for installing and disassembling camshafts and adjusting units, testing and adjusting camshaft timing, locking camshaft and crankshaft. Suitable for setting and adjusting the timing on petrol engines with the Valvetronic system. Also includes tools to align the twin Vanos unit
- Application:
BMW 118i E81/82/87/88 (04-12) / 120i E81/82/87/88 (04-12) / 316i Compact E46 (01-07) / 318i E90/91/92/32 (05-12) / 318i Compact E46 (01-07) / 320i E90/91/92/93 (05-12) / 520i E60/61 (07-10) / X1 sDrive 18i E84 (10-12) / X1 xDrive 18i E84 (10-12) / X3 2.0 E83 (05-10) / Z4 2.0 E85/86 (04-09)
- Engine Code:
N42/N46/N46T-B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B202

BLOW CASE: W330 x D235 x H50 (mm)

Part No.	Description	Q'ty
A	Vanos Alignment Plate	1
B	Camshaft Setting Plate Securing Screw	1
C	Camshaft Setting Plate (Inlet)	1
D	Camshaft Setting Plate (Exhaust)	1
E	Timing Chain Tensioner Pre-Load Tool	1
F	Camshaft Turning Tool	1
G	Flywheel TDC Locking Pin	1
H	Crankshaft Alignment Pin	1

18PCS BMW Engine Timing Tool Set



ITEM NO. JGAI1803

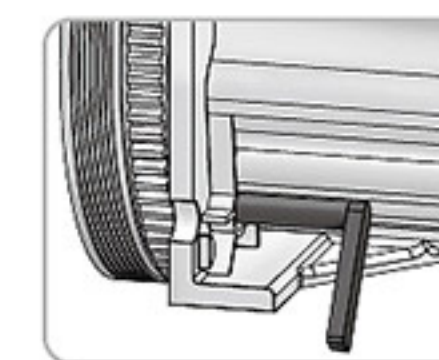
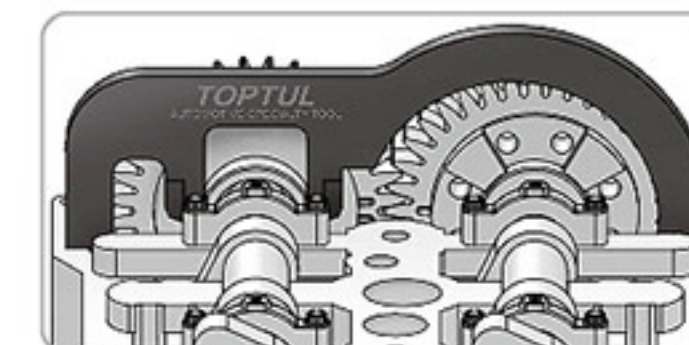
5 (SET)

- A specific tool set designed for installation and removal of camshaft/variable camshaft timing unit. Suitable for the removal and installation of the inlet camshaft and carrier assembly. Also for checking and adjusting the timing on petrol engines with the Valvetronic system
- This tool set is designed to be used with TOPTUL Item No. JGAI0803 (8PCS BMW Engine Timing Tool Set)
- Application:
BMW 118i E81/82/87/88 (04-12) / 120i E81/82/87/88 (04-12) / 316i Compact E46 (01-07) / 318i E90/91/92/32 (05-12) / 318i Compact E46 (01-07) / 320i E90/91/92/93 (05-12) / 520i E60/61 (07-10) / X1 sDrive 18i E84 (10-12) / X1 xDrive 18i E84 (10-12) / X3 2.0 E83 (05-10) / Z4 2.0 E85/86 (04-09)
- Engine Code: N42/N46/N46T-B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B202

BLOW CASE: W450 x D320 x H55 (mm)

Part No.	Description	Q'ty
A	Camshaft / Carrier Bracket Mounting Fixture	1
B	Torsion Spring Remover / Installer	1
C	Inlet Camshaft Securing Tool (Rear)	1
D	Mounting Fixture Support - Long	3
E	Mounting Fixture Support - Short	1
F	Intermediate Lever Clamp Set	8
G	Inlet Camshaft Securing Tool (Front)	1
H	Inlet Camshaft Securing Tool (Front) Lock	1
I	Bolt and Nut	1

5PCS BMW Engine Timing Tool Set



Part No.	Description	Q'ty
A	Flywheel Locking Pin	1
B	Crankshaft Turning Tool	1
C	1/2" DR. Hex Socket	1
D	Camshaft Setting Plate	1
E	HP Pump Sprocket Retaining Tool	1

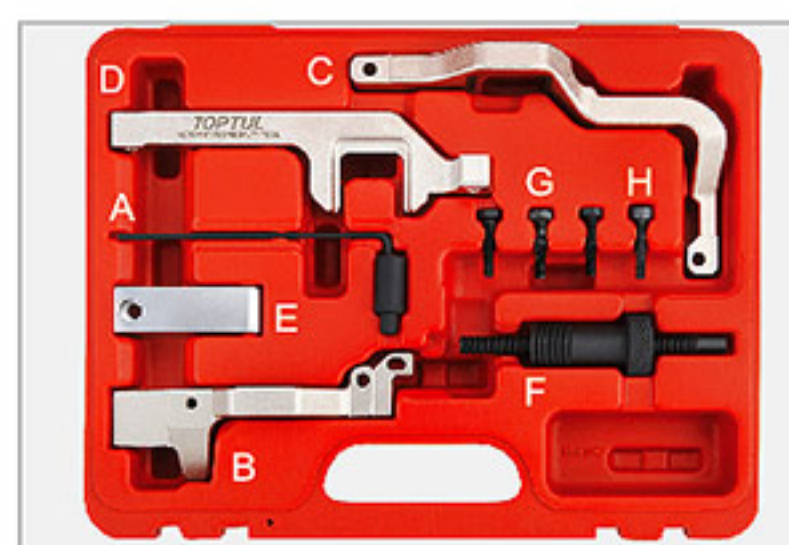
ITEM NO. JGAI0501

10 (SET)

- A specific tool set designed for checking and adjusting the timing of twin camshaft diesel engines. Suitable for use when dismantling and mounting the camshaft, replacing the timing chain and cylinder head gasket
- Application:
BMW: 116d E81/82/87/88 (08-12) / 118d E81/82/87/88 (07-14) / 120d E81/82/87/88 (07-14) / 123d E81/82/87/88 (07-14) / 316d E90/91/92/93 (09-12) / 318d E90/91/92/93 (07-12) / 320d E90/91/92/93 (07-12) / 325d E90/91/92/93 (10-14) / 330d / xd E90/91/92/93 (08-14) / 520d E60/61 (07-10) / 525d F10/11 (10-12) / 530d F10/11 (10-13) / 530dGT F07 (09-12) / 535d F10/11 (10-12) / 535dGT F07 (10-12) / 730dLd F01/02/04 (08-12) / 740d F01/02/04 (09-12) / 740d xDrive F01/02/04 (09-12) / X1 sDrive 18d E84 (09-12) / X1 sDrive 20d E84 (09-12) / X1 xDrive 18d E84 (09-14) / X1 xDrive 20d E84 (09-12) / X1 xDrive 23d E84 (09-12) / X3 2.0d E83 (07-10) / X3 xDrive 18d E83 (08-10) / X3 xDrive 30d E83 (11-12) / X5 3.0d E70 (10-12) / X5 xDrive 40d E70 (10-13) / X6 xDrive 30d E71/72 (10-14) / X6 xDrive 40d E71/72 (10-14)
- Mini: Clubman (10-14) / Clubvan (12-14) / Countryman (10-14) / Mini (10-14) / Paceman (13-14) / Roadster (12-14)
- Engine Code: N47/N47S-C16K1, C16U1, C20K1, C20U1, D20A, D20B, D20C0, D20T0, D20U0 / N57-D30O0, D30O1, D30T0, D30U0

BLOW CASE: W216 x D165 x H51 (mm)

10PCS Mini / PSA Engine Timing Tool Set



ITEM NO. JGAI1004

5 (SET)

- A specific tool set designed for setting twin camshaft timing on petrol engines. Suitable for use when replacing the cylinder head sealing and motor timing
- Application:
Mini: Mini One R56 (07-10) / Mini R56/R57 (07-15) / Cooper R55 (06-10) / Cooper R56 (07-10) / Cooper S R55/R56 (06-10) / Clubvan R55 (12-14) / Clubvan R60 (12-14) / Clubman R55 (10-14) / Clubman R60 (10-14) / Countryman R55 (07-10) / Countryman R60 (10-16) / R58 Coupe (11-15) / R59 Roadster (12-15) / Roadster R61 (13-15) / Paceman R61 (13-16)
- Citroën: C4 (08-11) / C4 Picasso (08-13)
- Peugeot: 207 (06-11) / 207CC (07-14) / 308 (07-14) / 3008 (09-14) / 5008 (09-14)
- Engine Code:
Mini: N12 / N14 / N16
Citroën / Peugeot: EP3 (8FS) / EP3C (8F01) / EP6 (5FW) / EP6C (5F01) / EP6CDT (5F04) / EP6DT (5FT/5FX) / EP6DTS (5FY)

BLOW CASE: W328 x D268x H72 (mm)

Part No.	Description	Q'ty
A	Flywheel Locking Pin	1
B	Exhaust Camshaft Setting Tool	1
C	Inlet Camshaft Setting Tool (N12 / N16 / EP3 / EP6)	1
D	Inlet Camshaft Setting Tool Assembly E (N14 / EP6DT / DTS)	1
E	Inlet Camshaft Setting Tool Assembly D (N14 / EP6DT / DTS)	1
F	Timing Chain Tensioner Pre-Load Tool	1
G	Socket Head Screws	3
H	Screw Bolt	1

16PCS FORD Engine Timing Tool Set



ITEM NO. JGAI1602

6 (SET)

- Specifically designed engine timing tool kit for Ford 1.25 / 1.4 / 1.6 / 1.7 / 1.8 / 2.0 16V Twin Camshaft Duratec petrol engines and 1.4 / 1.6 / 1.8 / 2.0 TDCi Duratorq diesel engines
- Ideal for the locking of the camshaft, crankshaft, tensioner and also adjusting the VCT timing during the removal and installation of the engine timing belt or chain and other engine servicing and repairs
- Comprehensive set includes camshaft sprocket locking tools (VCT setting plate), crankshaft / flywheel locking tools, tensioner locking tools and the camshaft sprocket remover
- Use on a wide range of Ford engines and also suitable for some Land Rover, Mazda, PSA, Suzuki, Volvo and other models that use these engines
- Application:
Ford: B-MAX (12-), C-MAX (03-15), Ecosport (12-), Edge (15-), Fiesta (89-17), Focus (98-14), Fusion (02-), Galaxy (06-15), Ka+ (16-), Kuga (08-12), Mondeo (93-14), Maverick (00-04), S-MAX (06-15), Tourneo / Transit Connect (02-13)
- Engine Code:
Petrol Engine - AODA, ASDA, CGBA, CGBB, CHBA, CHBB, CJBA, CJBB, CSDA, DHA, DHB, DHE, DHF, EDDA, EDDC, EDDD, EDDF, EYDB, EYDC, EYDE, EYDF, EYPA, FHA, FHD, FUJA, FXDA, FXDB, FXDD, FXJA, FXJB, FYDA, FYDB, FYDC, FYDD, FYJA, FYJB, HWDA, HXDA, L1J, L1L, M7JA, M7JB, MHA, NGA, NGB, NGD, QQDA, QQDB, RKA, RKB, RKF, SNJA, SNJB, STJA, STJB
Diesel Engine - AZWA, BHPA, C9DA, C9DB, C9DC, F6JA, F6JB, F9DA, FFDA, G6DA, G6DB, G6DC, G8DA, HCPA, HCPB, HHDA, HHJA, HHJB, KKDA, P9PA, QXWA, QYWA, R2PA, R3PA, RTP, RWPA

BLOW CASE: W305 x D248 x H76(mm)

Part No.	Description	OEM No.	Q'ty
A	Camshaft Alignment Plate	303-376B (21-162D)	1
B	Flywheel Locking Tool	303-393A (21-168A)	1
C	Flywheel Locking Adapter	303-393-01	1
D	Flywheel Locking Adapter	303-393-02	1
E	Camshaft Sprocket Locking Tool (VCT Setting Plate)	303-1097	1
F	Flywheel Locking Pin	303-1059	1
G	Tensioner Locking Pin	303-1054	1
H	Crankshaft TDC Locking Pin	303-193	1
I	Crankshaft TDC Locking Pin	303-507 (21-210)	1
J	Crankshaft TDC Locking Pin	303-620 (21-163)	1
K	Crankshaft TDC Locking Pin	303-748 (21-259)	1
L	Flywheel Locking Pin	303-734 (21-262)	1
M	Crankshaft Alignment Pin	303-732 (21-260)	1
N	Camshaft Alignment Pin (Ø8)	303-735 (21-263)	1
O	Camshaft Alignment Pin (Ø7.8)	303-735 (21-263)	1
P	Camshaft Sprocket Remover	303-651 (21-229)	1

12PCS VW / Audi Diesel Engine Timing Tool Set



Part No.	Description	Q'ty
A	Crankshaft Adjuster	1
B	H.P. Pump Locking Pin	1
C	Balance Shaft Locking Pin	1
D	Camshaft Locking Pin	2
E	Crankshaft Locking Pin	1
F	Camshaft Adjuster	1
G	Camshaft Sprocket Adjuster	1
H	Crankshaft Adjuster	1
I	Tensioner Retaining Pin	4
J	Tensioner Retaining Pin	3
K	H.P. Pump Sprocket Remover	1

10 (SET)

- A specific tool set designed for camshaft locking and adjusting on diesel engines. Suitable for service work on timing chain, cylinder head, HP pump and engine timing applications
- Application:
VW Group 2.7/3.0 TDI V6 & 4.0/4.2 TDI V8
Diesel engine in:
Audi - A4/ A5/ A6/ A6 Allroad/ A8/ Q5/ Q7
VW - Phaeton / Touareg
- Engine Code:
V6 Engines - 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, CDYA, CDYB, CDYC, CEXA, CGKA, CGKB
V8 Engines - ASE, BTR, BVN, CCFA

BLOW CASE: W300 x D207 x H62(mm)

11PCS Universal Belt Tensioner Wrench Set



- Specially designed tools for releasing or installing hard-to-reach lock nuts and component mounting bolts on tensioner, timing or auxiliary pulleys
- Extra-long and slim profile handle provides optimum leverage and allows easy access in confined space
- Quick-connect interchangeable head enables fast change of different sizes of adapters
- Universal design fits most common types of vehicles
- Kit contains 4 double-ended adapters (12x14, 13x15, 16x17, 18x19 mm), 5 single-ended adapters (E10, E12, E14, E16, E18), a socket adapter (15mm Hex. x 3/8" DR.) and a long curved drive handle

ITEM NO. JGAI1102 10 (SET)

- Double-Ended Adapters (12PT) 12x14, 13x15, 16x17, 18x19 mm
- Single-Ended Adapters (E type) E10, E12, E14, E16, E18
- Socket Adapter 15mm Hex. x 3/8" Dr.
- Long Curved Drive Handle

BLOW CASE: W480 x D101 x H56 (mm)

Dial Test Indicator (Metric)



- Lightweight aluminum alloy housing
- Hardened stainless steel spindle and clamping shaft
- 58mm Dial Face is clearly marked and easy to use
- For measure surface flatness as well as axial runout
- Also can be used with dial gauge adapter to check the TDC position on engine. Use with TOPTUL JGAI0403 (4PCS VAG Engine Timing Tool Set) to give an accurate reading for TDC
- Metric scale with 0.01 mm graduations
- Measure range: 0-10 mm

ITEM NO.	Measuring Range (mm)	Graduation (mm)	Q'ty
IMAA1000	0 - 10	0.01	16

Crankshaft Locking Tool



- Special design to lock the crankshafts on VW, Audi, Seat, Skoda, 2.0 TDI engine and etc.

ITEM NO.	LENGTH (mm)	Q'ty
JDBR2065	65	10 100

3PCS Crankshaft Timing Belt Pulley Locking Tool Set



ITEM NO. JGAR0302 10 (SET) 100 (SET)

- A specific engine timing tool set for Audi, VW, Seat and Skoda TDI PD and V6 engines
- Contents: Injection Pump Locking Pin, Tensioner Locking Tool, Crankshaft Locking Tool

4PCS VAG Engine Timing Tool Set



Part No.	Description	Q'ty
A	Dial Gauge Adapter / TDC Indicator	1
B	Camshaft Alignment Tool	1
C	Tensioner Retaining Pin	1
D	Crankshaft Locking Pin	1

ITEM NO. JGAI0403

12 (SET)

- Specifically designed engine timing tool kit for VAG 1.4 TSI, 1.4 TFSI and 1.4 / 1.6 FSI petrol engine
- Ideal for the locking of camshaft, crankshaft, timing chain tensioner when replace a timing chain or during an engine repair
- Essential tool to check and adjust the camshaft timing
- Kit also contains TDC positioning tool (used with TOPTUL Part No. IMAA1000 Dial Test Indicator, not included in this set)
- Application:
Audi: A1 (10-12), A3 (03-12)
VW: Caddy (10-12), Caddy Maxi (10-12), EOS (06-12), Golf (03-12), Golf Plus (03-12), Jetta (06-12), Passat (05-11), Polo (02-12), Scirocco (08-12), Tiguan (07-12), Touran (03-12)
Seat: Altea (08-12), Ibiza (08-12), Cordoba (08-12), Leon (07-12), Toledo (07-09)
Škoda: Fabia II (07-12), Octavia II (04-12), Roomster (06-12), Superb II (09-12), Yeti (09-12)
- Engine Code:
1.4 FSI - AXU, BKG, BLN
1.4 TSI/TFSI - BLG, BMY, BWK, CAVA, CAVB, CAVC, CAVD, CAVE, CAVF, CAXA, CAXC, CDGA
1.6 FSI - BAG, BLF, BLP, BTS

BLOW CASE: W340 x D110 x H47 (mm)

Camshaft Locking Tool



Locating holes in the camshaft sprockets

- Designed for the locking of camshaft sprockets when replacing a timing belt or during an engine repair
- Suitable for VAG 1.4 L and 1.6L twin camshaft, belt drive petrol engines
- Application:
Audi: A2
VW: Beetle, Bora, Caddy, Golf, Lupo, Polo
Seat: Altea, Arosa, Cordoba, Ibiza, Inca, Leon, Toledo
Škoda: Fabia, Octavia, Roomster
- Engine Code:
1.4L: AFK, AHV, AKQ, APE, AQQ, ARR, AUA, AUB, AXP, BBY, BBZ, BCA, BKY, BUD, BXW, CGGA, CGGB, CMAA and etc.
1.6L: AJV, ARC, ATN, AUS, AVY, AZD, BAD, BCB and etc.

ITEM NO.	LENGTH (mm)	PIN DIAMETER (mm)	Q'ty
JDDT0813	127	7.8	6 36

Universal Tensioning Gauge for Cam Belts



- Specially designed tool for adjusting the tension of drive belts where the movement of the timing belt is measured by load (daN) (1daN=10N)
- Precisely measure the tension required to press down the timing belt in order to adjust the position of the timing belt tensioner pulley to an accurate position
- Universal tool allows the correct adjustment and tension settings on drive belts with various widths and thicknesses
- Dual direction rotating scales with clear incremental markings readable from both front and back side of tool
- Knurled grip design with smooth rolling screw action for maximum grip and durability
- Suitable for use with different types of vehicles

ITEM NO.	SCALE (mm) (Tensioning Range)	Q'ty
JDFD0120	0 - 20	12 48

Timing Belt Tensioner Adjustment Tool



- Steel construction
- 2-pin timing belt tensioner tool
- Pin diameter: 3mm
- Offset design
- Useful for camshaft spur belt tension adjustment
- Application: VW, Audi and etc.

ITEM NO.	LENGTH (mm)	PIN DIAMETER (mm)	12	80
JDBP1703	172	3	20	80

Audi / VW Belt Pulley Reaction Wrench



- Designed for locking on water-pump pulley
- Easy loosening of stubborn screws on the water-pump pulley
- 1/2" square drive in the handle to allow extension of the tool
- Application: Audi 80/A4, VW Golf, Polo, Passat and etc.

ITEM NO.	L (mm)	INNER DIAMETER Ø (mm)	SCREW DIAMETER Ø (mm)	10	40
JDBX0115	250	32	14	10	40

Stretch Belt Remover / Installer

CR-MO

Strong magnets on both sides hold the tool securely on the pulley



- Made from durable Chromium Molybdenum Alloy Steel
- Specially designed tool for safely removal and installation of stretch drive belts, alternator drive belts, accessory drive belts and etc.
- Double sided design tool for mounting on both the front or back side of the pulley
- Compact, one-piece construction with magnetic faces hold the tool securely in place on the pulley
- Effectively prevents damage to belt and pulley during removal or installation
- Suitable for most stretch belt applications

ITEM NO.	LENGTH (mm)	12	108
JDED0101	45	12	108

Injection Pump Wrench



- Chrome Vanadium Steel material
- 90° angle for leverage
- Professional quality for maximum durability and corrosion resistance
- Specially designed and easy access wrench for injection pump. 12-point box end is ideal for fastening and unfastening the injection pump mounting bolts
- Applications: 1.6L 4-cyl. Diesel engine Audi 80, VW Golf, Jetta, Caddy, Passat, Santana, Citroën

ITEM NO.	SIZE (mm)	L (mm)	10	160
JDBW1316	13	160	10	160

Audi / VW Belt Pulley Reaction Wrench (Deep-Drawn Type)



- Used for locking deep-drawn water-pump pulley
- Easy loosening of stubborn screws on the water-pump pulley
- Ideal for Audi and Volkswagen vehicle's engine when air conditioning is also built in
- Comfortable plastic grip handle
- Application: Audi, VW and etc.

ITEM NO.	L (mm)	INNER DIAMETER Ø (mm)	SCREW DIAMETER Ø (mm)	10	40
JDBX0241	300	31	14	10	40

11PCS Universal Pulley Holder & Fan Clutch Set

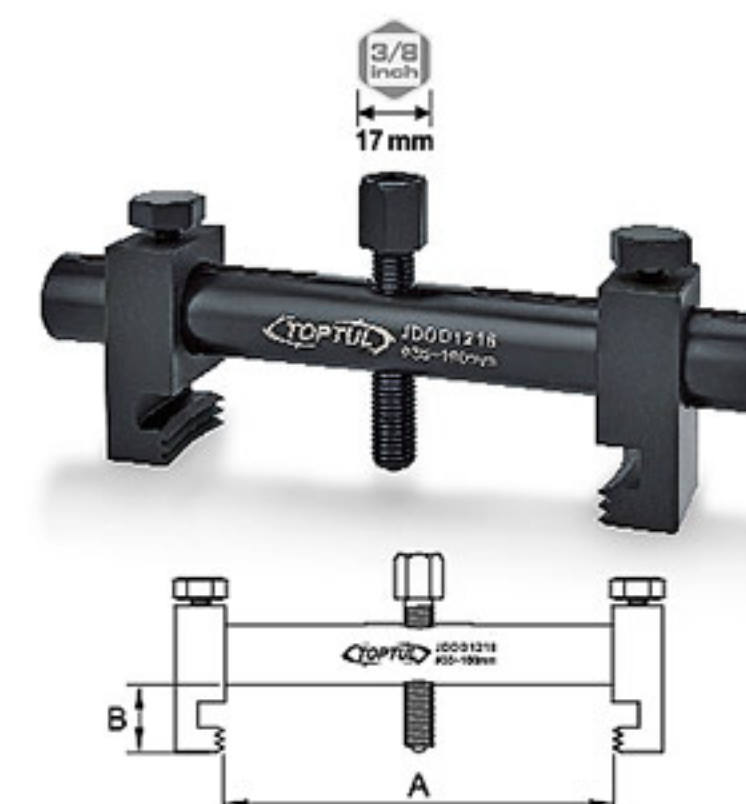


ITEM NO. JGAI1101 6 (SET)

- Universal design fits various types and sizes of pulleys such as camshaft pulleys, crankshaft pulleys, injection pump pulleys and etc.
- Ideal for holding the pulleys when tightening or loosening the retaining bolts
- Fits for all models with sprocket holes larger than 6mm in diameter
- Adjustable jaws provides wide opening range to work on hole pitches from 40 up to 220mm
- Kit includes 4 pairs of interchangeable step pins (Pin diameters: Ø6, Ø8, Ø10, Ø16mm)
- Long handle with comfortable plastic grip
- Applicable to almost all types of vehicles
- Overall length: 520mm

BLOW CASE: W710 x D105 x H55 (mm)

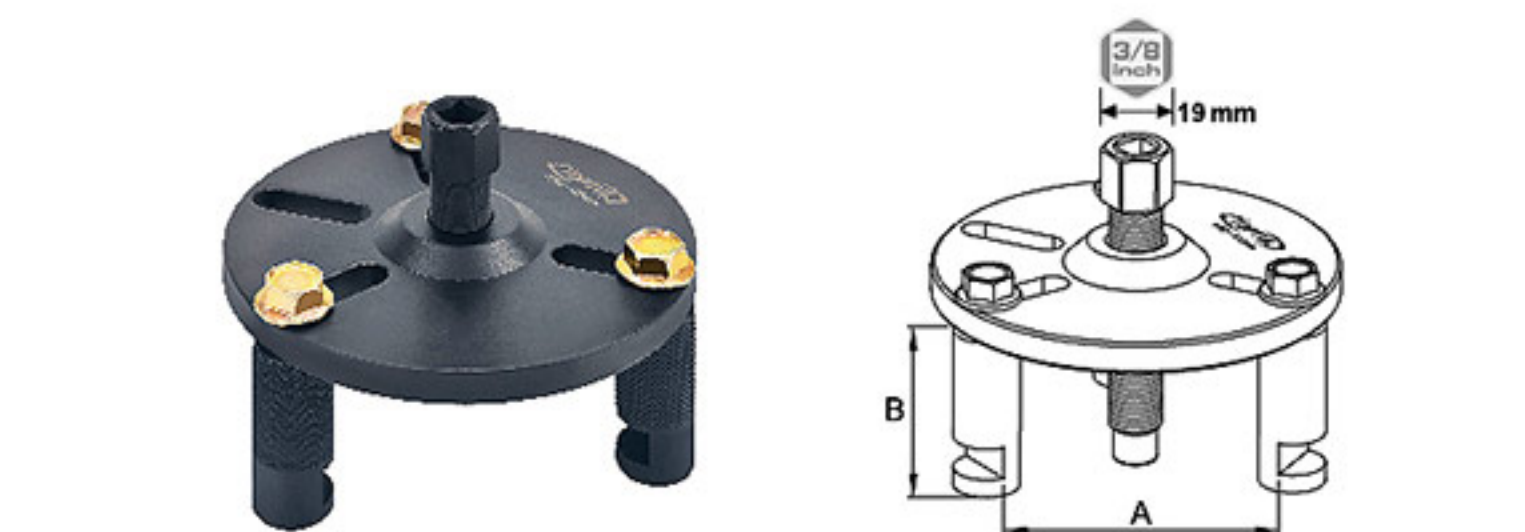
Ribbed Drive Pulley Puller



- Designed for effective removal of stubborn or seized ribbed crankshaft pulleys and auxiliary pulleys
- Precision machined grooves firmly grip the pulley without causing damage
- Low-profile arms allow use in restricted spaces and locking bolts help prevent slipping under tension
- Use with 17mm wrench or 3/8" square drive tools
- Suitable for V-ribbed belt pulleys used on crankshafts, alternators, air conditioning units and water pumps
- Applicable pulley size from 35 up to 160mm in diameter

ITEM NO.	A Range (mm)	B (mm)	Ø (mm)	Ø (mm)	10
JDDD1216	35 - 160	27.5	M12 x 1.75 x 81	17	19

Universal Camshaft Sprocket Puller



- Specially designed tool for holding and removing the camshaft sprocket without causing any damage
- Adjustable pulling arms enable the removal of the camshaft sprocket on a wide range of engines
- Three pulling arms and force screw ensure even distribution of tension to avoid any slide or tilt while pulling
- Use with a 3/8" square drive tool or 19mm wrench
- Pulling arm spread range: Ø60-100mm

ITEM NO.	A Range (mm)	B (mm)	Ø (mm)	Ø (mm)	6
JGAI0504	60 - 100	50	5/8"-18 UNF x 86	19	6

BLOW CASE: W270 x D185 x H60 (mm)

Pulley Removing Wrench

- To lock the pulley during removing or assembling any type of pulley retaining bolt
- High flexibility outperforms the traditional standard strap or chain wrench and will not damage components
- Ideal for water pump, alternator pulleys and various electric motor pulleys of compressors, washing machines, tool machines and etc.
- Also suitable to rotate the camshaft when timing the engine or removing oil and gasoline filters

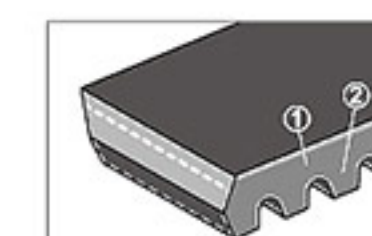
• JDAF1437: V-Belt Pulleys



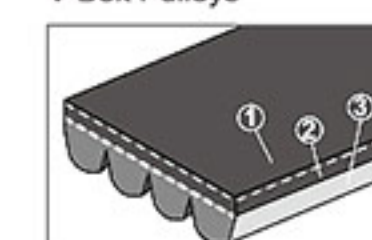
• JDAG1437: Poly-V Belt Pulleys



ITEM NO.	CAPACITY Ø (mm)	LENGTH (mm)	12	36
JDAF1437	40 - 140	365 (14 - 3/8")	12	36
JDAG1437	40 - 140	365 (14 - 3/8")	12	36



JDAF1437 V-Belt Pulleys



JDAG1437 Poly-V Belt Pulleys

1. Cord Tension
Low elongation stiff cord is highly resistant to tension and resulting in better power transmission.
2. Rib Rubber
Fiber-contained rubber is greatly resistant to abrasion and breakage.

1. Cover Fabric
Flexible fabric material is resistant to breakage, high temperature and oil-based substances.
2. Cord Tension
Low elongation stiff cord is highly resistant to tension and resulting in better power transmission.
3. Rib Rubber
Fiber-contained rubber is greatly resistant to abrasion and breakage.

V-Belt Pulley Remover

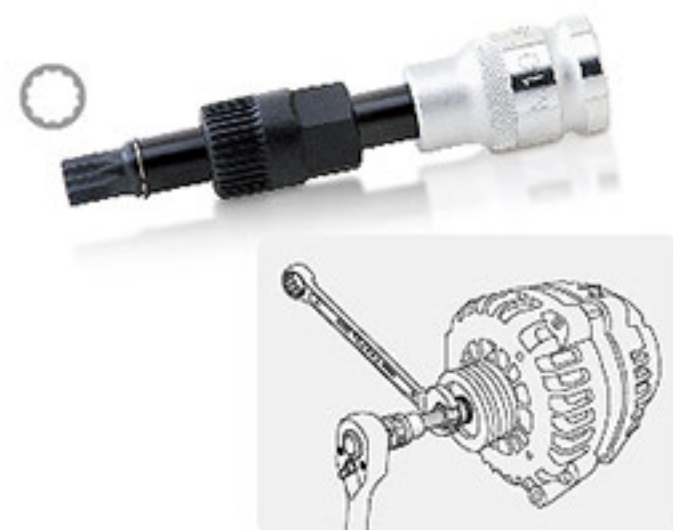
CR-V



- Made of Chrome Vanadium Alloy Steel
- Special design to stop the pulley and remove the centre bolts for removing and installing the V-belt pulley at the generator
- Use with 17mm wrench and spline bit socket (M10) to remove and install the socket
- Applicable: VW Golf 3, Vento, Passat, Audi A3, Volvo and etc.

ITEM NO.	Teeth	Ø (mm)	Ø (mm)	Ø (mm)	L (mm)	W (mm)	H (mm)
JDBD3317	33	17	19.5	11.8	30	10	180

Spline Alternator Combination Bit Socket (M10)



- The two-part alternator socket allows easy removal and replacement of the free-wheel drive pulley at the alternator
- This tool allows the alternator to be locked by the M10 spline bit socket insert and enables the central locking bolt of the pulley to be loosened or tightened by the serrated reaction nut
- Use with 17mm wrench
- 33 teeth hexagonal reaction nut, O.D. 19.5mm
- Applications: BMW, VW, Audi, Ford, Škoda, Mercedes-Benz, Porsche, Renault and etc.

ITEM NO.	DRIVE	SIZE	Teeth	Ø (mm)	L (mm)	W (mm)	H (mm)
JDCD3310	1/2"	M10	33	17	110	10	80

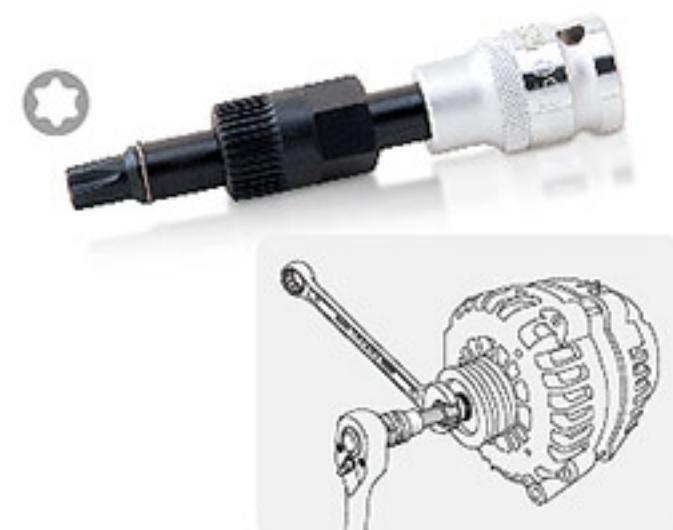
Battery Pole and Terminal Cleaner



- Wire brushes remove corrosion build-up on battery pole and terminals for improved electrical contact
- The external brush cleans cable clamps, and the internal brush cleans battery poles
- Metal case battery brush

ITEM NO.	LENGTH (mm)	W (mm)	H (mm)
JDBV3984	84	12	72

Star Alternator Combination Bit Socket (T50)



- The two-part alternator socket allows easy removal and replacement of the free-wheel drive pulley at the alternator
- This tool allows the alternator to be locked by the T50 star bit socket insert and enables the central locking bolt of the pulley to be loosened or tightened by the serrated reaction nut
- Use with 17mm wrench
- 33 teeth hexagonal reaction nut, O.D. 19.5mm
- Applications: Mercedes-Benz, Renault and etc.

ITEM NO.	DRIVE	SIZE	Teeth	Ø (mm)	L (mm)	W (mm)	H (mm)
JDCD3350	1/2"	T50	33	17	110	10	80

13PCS Alternator Pulley Remover Kit



- Designed for the easy removal of alternator free-wheel drive pulleys either on or off the vehicle
- Locks the alternator, allowing the central locking bolt of the pulley to be released
- Applications: BMW, VW, Audi, Mercedes-Benz, Renault, Ford, Porsche, Fiat and etc.

ITEM NO.	CONTENTS	12 (SET)
JGAI1301	1 Spline Alternator Combination Bit Socket (W/33 Teeth Hex Reaction Nut) 1/2" Dr. x M10, Hex Drive: 17mm (L=110mm)	
	1 Star Alternator Combination Bit Socket (W/33 Teeth Hex Reaction Nut) 1/2" Dr. x T50, Hex Drive: 17mm (L=110mm)	
	2 10mm Hex Shank Hexagon Bits 8mm & 10mm (L=75mm)	
	2 10mm Hex Shank Star Bits T40 & T50 (L=75mm)	
	2 10mm Hex Shank Spline Bits M8 & M10 (L=75mm)	
	1 Quick Change Bit Holder 1/2" Dr. x 10mm Hex (L=36mm)	
	1 33 Teeth Hex Reaction Nut Hex Drive: 17mm, O.D. 19.5mm, I.D. 11.8mm (L=30mm)	
	1 33 Teeth Hex Reaction Nut Hex Drive: 22mm, O.D. 19.5mm, I.D. 11.8mm (L=30mm)	
	1 Hexagon Reaction Nut Hex Drive: 22mm, I.D. 11.8mm (L=32mm)	
	1 4 Pin Round Reaction Nut with Hex Tip Hex Drive: 17mm, O.D. 35mm, I.D. 11.8mm (L=37mm)	
	BLOW CASE: W245 x D145 x H45 (mm)	

Piston Ring Pliers



- Made of high grade special tool steel
- For installing and removing piston rings
- Bright nickel-plated

ITEM NO.	CAPACITY Ø (mm)	L (mm)	W (mm)	H (mm)
JABA0510	50 - 100	215	12	48
JABA0812	80 - 120	225	12	48
JABA1116	110 - 160	255	12	48

Piston Ring Compressor

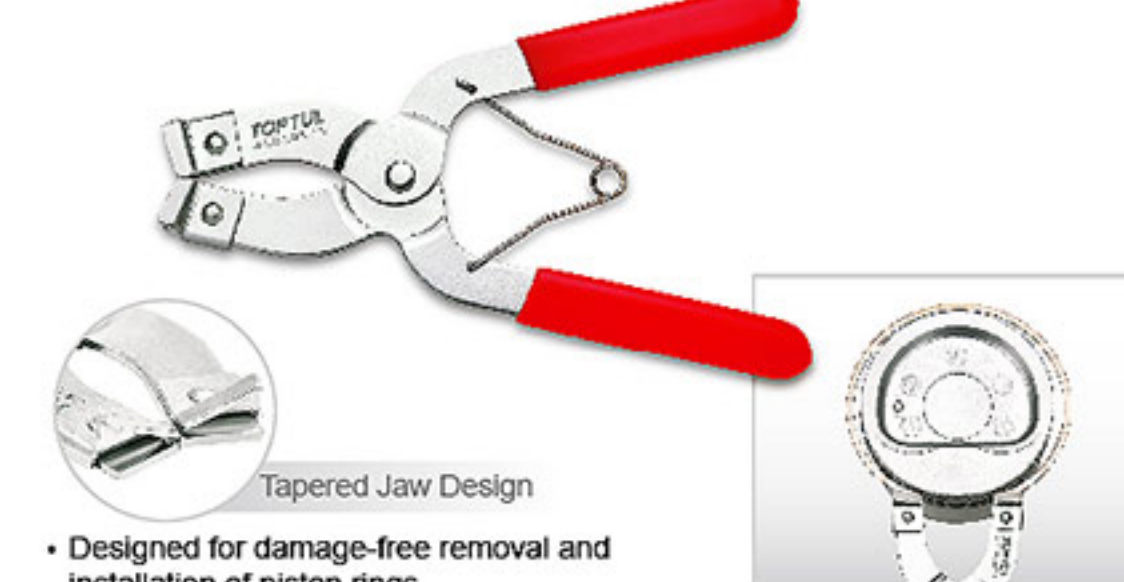
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- TOPTUL Piston Ring Compressor is designed for quick and easy compression of piston rings. The compressor folds around the piston, holding the rings in the grooves and allowing the piston and ring assembly to slide into the cylinder block without the risk of damaging the pistons or rings.

ITEM NO.	HEIGHT (inch)	CAPACITY (mm)	W (mm)	H (mm)
JAAA1303	3	53 - 125	30	60
JAAA1804	4	90 - 175	30	60
JAAA1806	6	90 - 175	20	40

Piston Ring Pliers



- Designed for damage-free removal and installation of piston rings
- Special tapered jaw allows safe and positive manipulation of piston rings
- Return spring mechanism for easy handling
- Comfortable, non-slip grip handle
- Suitable for most cars and light commercial vehicles
- Works on most common piston diameters and rings from 1.2 to 6.4 mm thick
- Piston Ring Diameter Clamping Range: Ø50-150 mm
- Overall Length: 170 mm

ITEM NO.	CAPACITY Ø (mm)	L (mm)	W (mm)	H (mm)
JACA0515	50 - 150	170	12	72

Piston Ring Groove Cleaning Tool



- Quick and reliable removal of carbon deposits from piston ring grooves
- Suitable for piston sizes from Ø51mm to Ø127mm
- Three 6-bladed cutters cover all major piston ring grooves
- 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

ITEM NO.	PISTON DIAMETER (mm)	L (mm)	W (mm)	H (mm)
JDCV0205	51 - 127 (2" - 5")	290	6	36

Deep Star Sockets (Cylinder Head Bolt Tool)

CR-V

- Made of Chrome Vanadium Alloy Steel
- Long reach and slim shank design allows easy access to recessed cylinder-head bolts
- Features a spring loaded friction ball retainer for positive bolt retention
- Application: BMW, Mercedes-Benz, Opel, Vauxhall and etc.



DRIVE	ITEM NO.	SIZE	L (mm)	W (mm)	H (mm)
1/2"	BAEJ1612	E12	140	8	80
1/2"	BAEJ1614	E14	140	8	80

Ribe Bit Sockets (Cylinder Head Bolt Tool)

CR-V+S2

- For cylinder-head bolts on VW, Audi engines and etc.
- Long reach and slim shank design allows easy access to recessed cylinder-head bolts



DRIVE	ITEM NO.	SIZE	L (mm)	W (mm)	H (mm)
1/2"	BCYA1610S	M10S	100	10	160
1/2"	BCYA1610	M10S	140	10	100

- TOPTUL product ITEM NO. BCYA1610 can not replace the use of this particular product.

Mechanic's Stethoscope

- A mechanic's stethoscope is a sensitive instrument. It can be fitted with a variety of ends, including needle probes and rubber trumpets
- Specially designed for automotive use



ITEM NO. JDAX0102

12

- Effectively locating trouble spots within the engine block
- Listen for trouble by tracing sound of flowing water, oil, gas or steam
- Use to quickly identify piston slap, worn gears, faulty valves, water pump failure, damaged gaskets and defective bearings
- Ideal for pinpointing the source of noises in engines, transmissions, differentials and bearings as well as the unusual vibrations or suspected leaks
- Aluminum Alloy probe extends to 275mm (10-13 1/16") allows safe access to hard to reach spots
- Supplied with rubber trumpet for quickly checking vacuum and pressure flow

56PCS Professional Threaded Coil-Insert Repair Kit (For Spark Plug Thread)



- Ideal for repairing and restoring damaged spark plug thread
- Completed set for easy and quick repairs of spark plug, thread insert size - M10, M12, M14
- Each size includes Stainless Steel Screw Coils, Thread Tap & Coil Shielding Collar, Coil Installation Shank and Hex Key Wrench

ITEM NO.	CONTENTS	10 (SET)
JGAI5601	45 Stainless Steel Screw Coil Inserts 15PCS - M10 x 1.0mm x 3/8" (L=9.5mm) 15PCS - M12 x 1.25mm x 3/4" (L=19mm) 15PCS - M14 x 1.25mm x 7/16" (L=11mm) 1 Install Main Tool (P-type) 3 Thread Taps M10 x 1.0mm, M12 x 1.25mm, M14 x 1.25mm 3 Coil Shielding Collar M10, M12, M14 3 Coil Installation Shank M10, M12, M14 1 Hex Key Wrench	

BLOW CASE: W298 x D298 x H62 (mm)



1. Tap re-drilled hole 2. Set-up locking block to adjust coil insert depth



3. Load coiled insert into Coil Shielding Collar 4. Screw coil into thread slowly



5. Use Pliers to take off pin on insert 6. Thread is repaired and ready to use

10PCS Professional Threaded Coil-Insert Repair Kit (For Spark Plug Thread)



- Ideal for repairing and restoring damaged spark plug thread
- For most commonly used metric bolt size M14, suitable for machine construction, engine repair and other automotive applications

ITEM NO.	CONTENTS	30 (SET)
JGAI1003	1 Install Main Tool (P-type) 1 2mm Hex Key Wrench 1 HSS Thread Tap M14 x 1.25mm 1 Coil Shielding Collar M14 1 Coil Installation Shank M14 5 Stainless Steel Screw Coil Inserts M14 x 1.25mm x 7/16" (L=11mm)	

BLOW CASE: W250 x D128 x H41 (mm)

3/8" DR. Deep Spark Plug Socket

CR-V



- Rubber insert for positive plug protection and retention

- Professional quality, 12-point deep sockets manufactured from hardened and tempered Chrome Vanadium Steel
- Designed for easy installation or removal of the deep-seated (deeply recessed) spark plugs
- Fitted with a rubber insert for plug protection and retention
- Knurled finger grips for hand starting
- Polished chrome plated

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)	D1 (mm)	10 (SET)
3/8"	BSBA1214S	14	90	20	10	160
	BSBA1214L	14	250	19	10	80

Mirror Polished

Spark Plug Gap Gauge (Coin Type)



- Coin-type ramp gauge design to measure all type spark plug gaps easily
- Flanged hole design to adjust side wire without damaging center electrode
- Dual marked for both Imperial and Metric

ITEM NO.	Measuring Range	24	288
JDBU0210	0.020" - 0.100" (0.6 - 2.4mm)		

3PCS 3/8" DR. Glow Plug Socket Set

CR-V



8 / 10 / 12MM



- 6-point socket made of hardened and tempered Chrome Vanadium Steel
- Internal rubber retaining ring for positive retention of plug in socket
- 180° universal joint design allows easy access in confined engine bays
- Suitable for the removal and replacement of glow plugs in most popular diesel engines
- Matt chrome plated finish
- Application: Mercedes-Benz, Audi, VW, Opel, Fiat and etc.

ITEM NO.	CONTENTS	15 (SET)
JGAI0301	3 JDBM1208-JDBM1212 3/8" Dr. Glow Plug Sockets (L=75mm) 8, 10, 12 mm	

BLOW CASE: W120 x D81 x H36 (mm)

3/8" DR. Oxygen Sensor Socket (Low Profile Offset)

CR-MO



- Made of Chrome Molybdenum Steel, heat treated, black oxide finish
- Remove & install sensors on computerized engine control vehicles
- 3/8" DR. 7/8" (22mm) 6PT socket with cutaway length 30mm portion for wire clearance
- Offset design for confined areas

ITEM NO.	SIZE (inch)	L (mm)	25	100
JDAR1222	7/8 (22mm)	30		

1/2" DR. Heated Oxygen Sensor Socket

CR-MO



- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Remove & install sensors on computerized engine control vehicles
- 7/8" (22mm) Hex, 1/2" Square Drive (double square for easy access)
- Socket with cutaway portion for wire clearance
- Offset design for confined areas
- Finish: Black oxide

ITEM NO.	SIZE (inch)	L (mm)	10	100
JDAR0122	7/8 (22mm)	50		

1/2" DR. Oxygen Sensor Socket

CR-V



- Made of Chrome Vanadium Steel, heat treated, black oxide finish
- Remove & install sensors on computerized engine control vehicles
- 1/2" DR. 1-1/16" (27mm) 12PT socket with cutaway portion for wire clearance

ITEM NO.	SIZE (inch)	L (mm)	10	100
JDAQ1627	1-1/16 (27mm)	78		

3/8" DR. Oxygen Sensor Vacuum Switch Socket

CR-V



- Made of heat treated Chrome Vanadium Steel
- Install and removes oxygen sensors and vacuum switches on computerized engine control vehicles
- 22mm (7/8") 6-point socket with cutaway slot provides extra clearance for sensor wires
- Use with 3/8" square drive tools or 1" open-end wrench on the external hex
- Black phosphate finish for added corrosion resistance

ITEM NO.	SIZE (inch)	L (mm)	12	72
JDAQ0122	7/8 (22mm)	90		

1/2" DR. Oxygen Sensor Socket

CR-MO

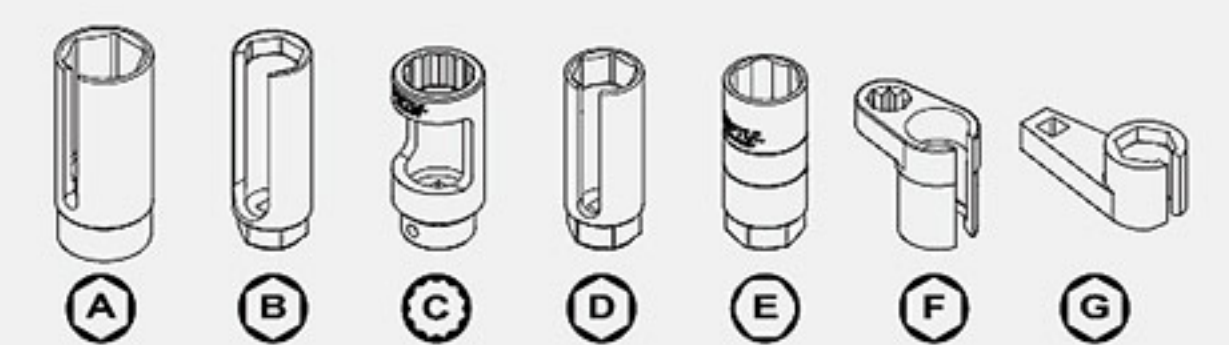


ITEM NO.	SIZE (inch)	L (mm)	20	80
JDAQ1622	7/8 (22mm)	85		

7PCS Sensor & Sending Unit Socket Set



- Set contains 7 assorted sockets for removal and installation of Oxygen Sensor, Oil Pressure Sending Units and Vacuum Switches
- Specially designed tools to use and work on a variety of vehicles
- Sockets are made of heat treated, durable Chrome Vanadium Alloy Steel (A-E) and Chrome Molybdenum Alloy Steel (F&G)

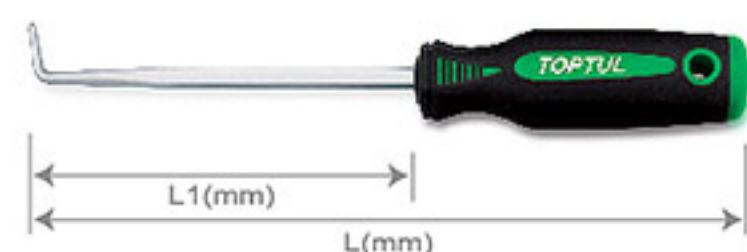


ITEM NO.	CONTENTS	DRIVE	SIZE (inch)	L (mm)	10 (SET)
JGAI0701	1 JDAS0129 Oil Pressure Sending Unit Socket 1 JDAQ0122 Universal Vacuum PVS, TVS Valve and Oxygen Sensor Socket 1 JDAQ1627 GM Thermal Sensor Switch Socket 1 JDAQ0222 Oxygen Sensor Socket 1 JDAS0227 Oil Pressure Sending Unit Socket 1 JDAR0122 Heated Oxygen Sensor Socket 1 JDAR0222 Low Profile Offset Oxygen Sensor Socket	1/2"	1-3/16 (29mm)	90	
		3/8"	7/8 (22mm)	90	
		1/2"	1-1/16 (27mm)	78	
		3/8"	7/8 (22mm)	80	
		3/8"	1 & 1-1/16 (25 & 27mm)	74	
		1/2"	7/8 (22mm)	50	
		3/8"	7/8 (22mm)	30	

BLOW CASE: W232 x D203 x H54 (mm)

Cotter Pin Puller

(CR-V)



ITEM NO.	L1 (mm)	L (mm)		
JJAK0101	125	235	5	40

Radiator Hose Remover

(CR-V)



ITEM NO.	L1 (mm)	L (mm)		
JJAK0201	80	190	5	40

4PCS Miniature Hook & Pick Set

(SUS)



ITEM NO.	CONTENTS		
GAAR0401	JJAK0301 Awl / Straight Mini Pick JJAK0303 Curved Mini Hook JJAK0304 45 Degree Bent Tip Mini Pick JJAK0302 90 Degree Bent Tip Mini Pick	10 (SET)	

Radiator Hose Remover

(CR-V)



- Ideal for pulling out hose or removing stickers, o-ring and seals
- Rugged tool with a large comfortable bi-component PP+TPR plastic handle

ITEM NO.	L1 (mm)	L (mm)		
JJAK0425	130	245	5	40

Scraper

(CR-V)



ITEM NO.	L1 (mm)	L (mm)		
JJAJ0813	125	245	5	40

Door Upholstery Remover

(CR-V)



ITEM NO.	L1 (mm)	L (mm)		
JJAE1011	110	230	5	40

Door Upholstery Remover



- Blade made from special high quality SVCM tool steel
- Rugged tool with a large comfortable bi-component PP+TPR plastic handle
- Removes plastic door panel fasteners without breakage

ITEM NO.	L1 (mm)	L (mm)		
JJAE0612	115	225	5	40

Door Upholstery Remover

(CR-V)



- For plastic upholstery fasteners

ITEM NO.	L1 (mm)	L (mm)		
JJAE0812	120	245	10	40

Radiator Hose Remover

(CR-V)



- Ideal for the quick removal of radiator hoses from clamps
- Also suitable for cotter pin pulling
- Specially shaped hooked tips provide high leverage
- Allow easy access in confined spaces
- Large comfortable grip handle

ITEM NO.	L1 (mm)	L (mm)		
JJAK0525	130	245	5	40

Stainless Steel Putty Knife (Flexible Scraper)

(SUS)



ITEM NO.	BLADE SIZE (WxL) (mm)	BLADE THICKNESS (mm)		
JDAB3205	32 x 100	0.5	10	60
JDAB5005	50 x 100	0.5	10	60
JDAB7605	76 x 100	0.5	5	30

Stainless Steel Bolstered Scraper

(SUS)



ITEM NO.	BLADE SIZE (WxL) (mm)	BLADE THICKNESS (mm)		
JDAD3218	32 x 100	1.8	10	60
JDAD3218	32 x 100	1.8	10	60
JDAD5018	50 x 100	1.8	10	60

Stainless Steel Pinch Weld Scraper

(SUS)



ITEM NO.	BLADE SIZE (WxL) (mm)	BLADE THICKNESS (mm)		
JDAD3225	32 x 100	2.5	10	60
JDAC2012	20 x 50	1.2	10	60
JDAC2025	20 x 50	2.5	10	60
JDAD3212	32 x 100	1.2	10	60

3PCS Stainless Steel Putty Knife Set



ITEM NO.	CONTENTS		
JGAT0301	1 JDAB7605 - 76 x 100 x 0.5 mm 1 JDAB5005 - 50 x 100 x 0.5 mm 1 JDAB3205 - 32 x 100 x 0.5 mm	20 (SET)	

3PCS Stainless Steel Bolstered Scraper Set



ITEM NO.	CONTENTS		
JGAT0302	1 JDAD5018 - 50 x 100 x 1.8 mm Straight Blade 1 JDAE3218 - 32 x 100 x 1.8 mm Bent Blade 1 JDAD3218 - 32 x 100 x 1.8 mm Straight Blade	20 (SET)	

4PCS Stainless Steel Pinch Weld Scraper Set



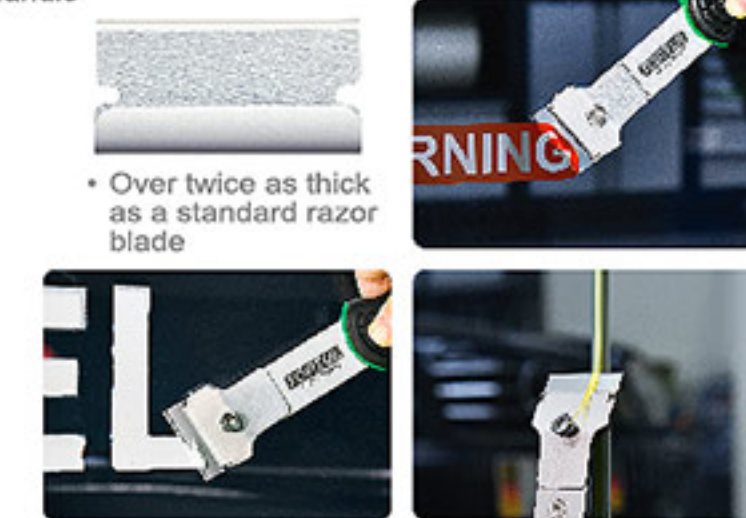
ITEM NO.	CONTENTS		
JGAT0401	1 JDAD3212 - 32 x 100 x 1.2 mm 1 JDAC2012 - 20 x 50 x 1.2 mm 1 JDAC2025 - 20 x 50 x 2.5 mm 1 JDAD3225 - 32 x 100 x 2.5 mm	20 (SET)	

Multi-Purpose Razor Scraper

- Perfect design for quickly scraping off labels, seals, paints and adhesive residues from glass or metal surfaces
- Replaceable blade design to change the blade quickly and easily
- Premium quality tool steel blade (SK5), blade dimension 40x20mm (0.5mm thick)
- Accepts both standard and heavy-duty single edge razor blades
- Sturdy hardened stainless shaft will not bend or crack during heavy-duty applications
- Ergonomically shaped, bi-component PP+TPR grip handle

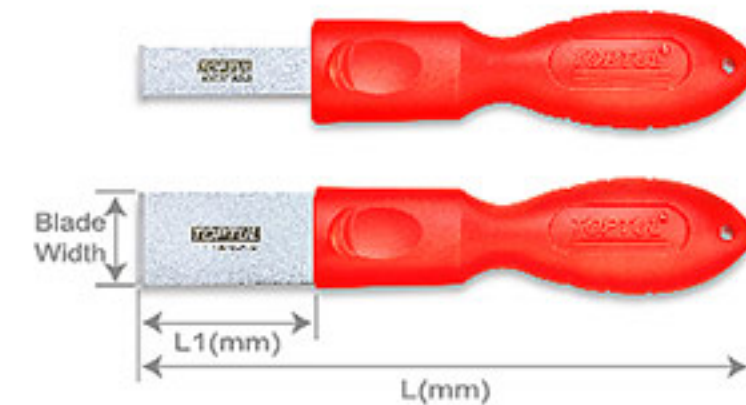


ITEM NO.	BLADE WIDTH (mm)	BLADE THICKNESS (mm)	L (mm)		
JJCJ0140	40	0.5	205	10	100



Tungsten Carbide Scraper

- Scraper blade tip made of premium Tungsten Carbide Steel ensures excellent sharp edge retention and durability
- Designed to remove carbon on exhaust systems, burned corrosion on brakes, corroded gaskets on cylinder heads, varnish, glue, metal buildup and etc.
- Blade tip is precision ground on both sides and securely welded to steel blade shaft
- Two blade widths, 16 and 32 mm to work on many applications
- Nylon Fiber handle with non-slip thumb grip provides a comfortable and effective grip



ITEM NO.	BLADE WIDTH (mm)	L1 (mm)	L (mm)		
JDCW1632	16 (5/8")	60	210	10	40
JDCW3232	32 (1-1/4")	60	210	10	40

Light Dinging Spoon



ITEM NO.	W (mm)	H (mm)	L (mm)		
JFCA0127	48	58	250	12	72

Double Blade Spoon



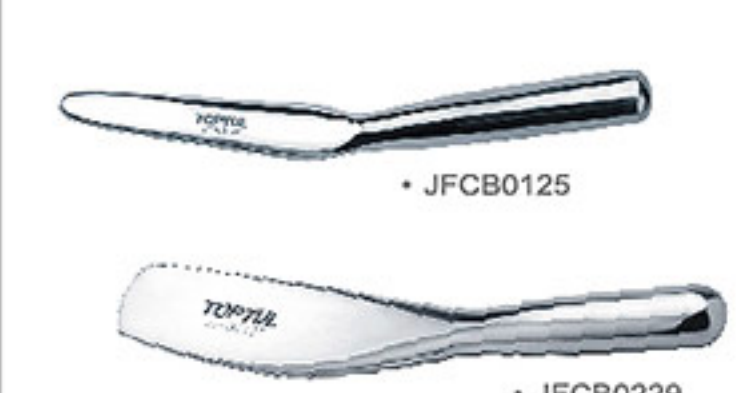
ITEM NO.	W (mm)	H (mm)	L (mm)		
JFCC0140	58	172	401	4	8
JFCC0251	59	179	510	2	8

Drip Moulding Spoon



ITEM NO.	W (mm)	H (mm)	L (mm)		
JFCD0124	49	70	235	6	12

Flat Spoon



ITEM NO.	W (mm)	H (mm)	L (mm)		
JFCB0125	30	99	250	12	48
JFCB0229	51	68	286	6	24

Curved Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBA0108	58	70	80	4	12

Heel Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBJ0108	61	30	79	6	24

Double End Round Dolly



ITEM NO.	W (mm)	L (mm)	Box	Set
JFBD0106	Ø56	58	6	12

Utility Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBH0107	70	64	70	6	12

Double End Hand Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBD0208	62	75	66	6	12

Anvil Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBB0110	72	62	102	4	16

Curved Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBI0113	58	45	133	6	12

Angle Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBI0111	59	16	108	6	24

Toe Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBG0112	58	29	121	6	12

Thin Toe Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBG0212	55	24	118	6	24

Grid Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBI0312	58	30	120	6	12

Shrinking Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBG0412	58	29	120	6	12

Large End Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBE0113	70	125	90	4	16

Round Peen End Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBC0113	44	Ø54	125	6	24

Anvil Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBE0215	67	146	139	2	12

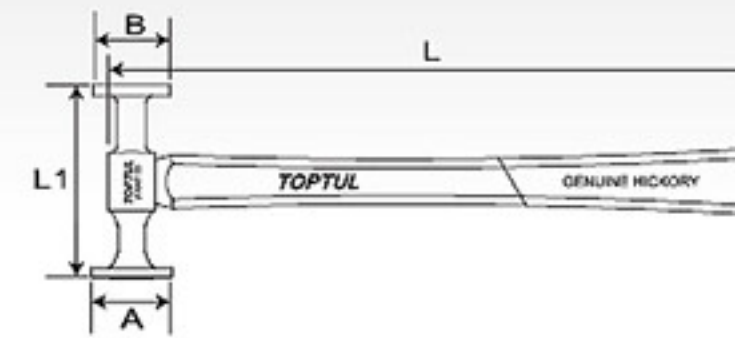
Dome Dolly



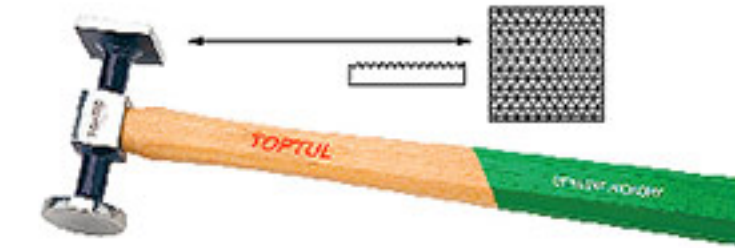
ITEM NO.	W (mm)	H (mm)	L (mm)	Box	Set
JFBE0315	61	30	155	2	16



HAMMER

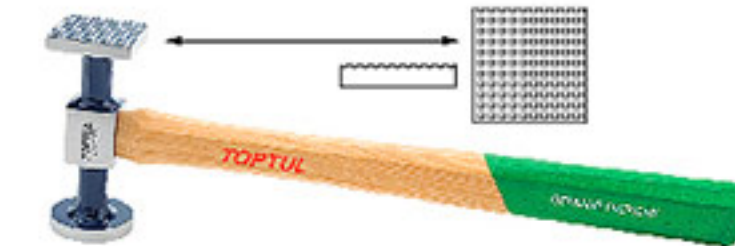


Heavy Shrinking Hammer
- Flat Face + Shril Milled Square Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAB0133	Ø40	38 x 38	100	325	6	36

Light Shrinking Hammer
- Flat Face + Milled Square Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAB0233	Ø40	38 x 38	100	325	6	36

Standard Bumping Hammer
- Flat Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAA0133	Ø40	38 x 38	100	325	6	36

Standard Bumping Hammer
- Crowned Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAA0233	Ø40	38 x 38	98.5	325	6	36

Light Bumping Hammer
- Flat Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAA0333	Ø32	25 x 25	91	325	6	36

Light Bumping Hammer
- Crowned Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAA0433	Ø32	25 x 25	91	325	6	36

Reverse Curve Hammer
- Crowned Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Box	Set
JFAA0533	Ø29.5	25.5 x 25.5	104	325	6	36

Pick & Finishing Hammer
- Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Box	Set
JFAC0333	Ø40	138	325	6	36

Curved Pein & Finishing Hammer
- Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Box	Set
JFAC0233	Ø40	140	325	6	36

Straight Pein & Finishing Hammer
- Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Box	Set
JFAC0133	Ø40	141	325	6	36

7PCS Professional Grade
Auto Body Repair Tool Set

AUTO BODY REPAIR



- Professional quality meets industrial standards
- Drop forged tool steel dollies, heat treated, includes Utility Dolly, Curved Dolly, Heel Dolly and Toe Dolly
- Drop forged tool steel hammers, selected hickory, includes Pick & Finishing Hammer, Light Shrinking Hammer and Standard Bumping Hammer
- Easy latch case holds all tools securely in place and provides excellent tool protection

ITEM NO.	CONTENTS	Box	Set
GAAI0702	1 JFAB0233 - Light Shrinking Hammer (Flat Face + Milled Square Face)		
	1 JFAA0133 - Standard Bumping Hammer (Flat Face)		
	1 JFAC0333 - Pick & Finishing Hammer (Crowned Face)		
	1 JFBI0113 - Curved Dolly		
	1 JFBG0112 - Toe Dolly		
	1 JFBJ0108 - Heel Dolly		
	1 JFBH0107 - Utility Dolly		

BLOW CASE: W478 x D234 x H100 (mm)

Heavy Duty Clamp

CR-MO

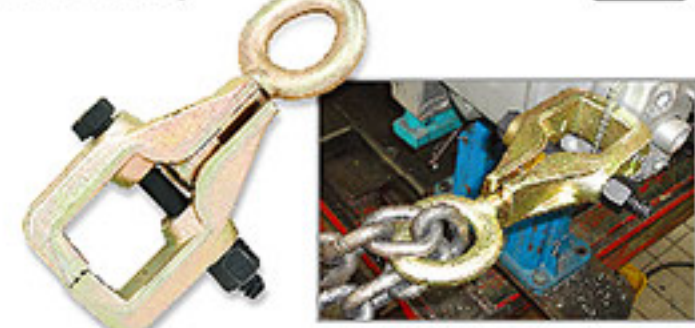


- Single-way pull operation
- Bolt Size: Ø19mm x 140mm(L)
- Gripping Surface: 46mm (wide) / 21mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDA0105	5	6

Box Clamp

CR-MO



- Single-way pull operation
- Two sides of the jaws are different in order to fit the confined space
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDB0303	3	6

Small Mouth Pull Clamp

CR-MO



- Single-way pull operation
- Perfect to use in the confined space
- Bolt Size: Ø17mm x 80mm(L)
- Gripping Surface: 44mm (wide) / 24mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDC0105	5	6

Thin Edge Mouth Clamp

CR-MO



- Single-way pull operation
- Perfect to use in hard to reach places
- Spring-loaded for easy opening
- Bolt Size: Ø12mm x 65mm(L)
- Gripping Surface: 33mm (wide) / 27mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDD0105	5	12

Big Mouth Clamp

CR-MO

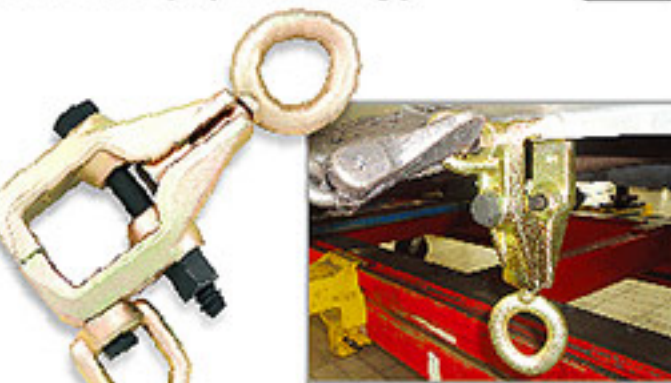


- Single-way pull operation
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDB0103	3	6

Box Clamp (Two-Way)

CR-MO



- Two-way pull operation
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	
JFDB0203	3	2	6

Mini Clamp (Two-Way)

CR-MO

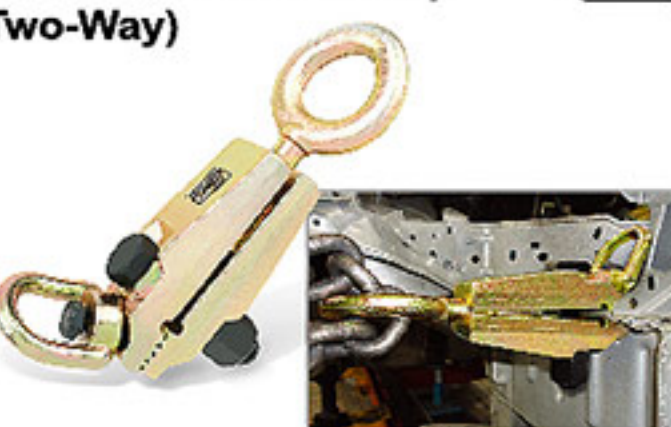


- Two-way pull operation
- Bolt Size: Ø12mm x 44mm(L)
- Gripping Surface: 37mm (wide) / 12mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	
JFDF0203	3	2	10

Small Mouth Pull Clamp (Two-Way)

CR-MO

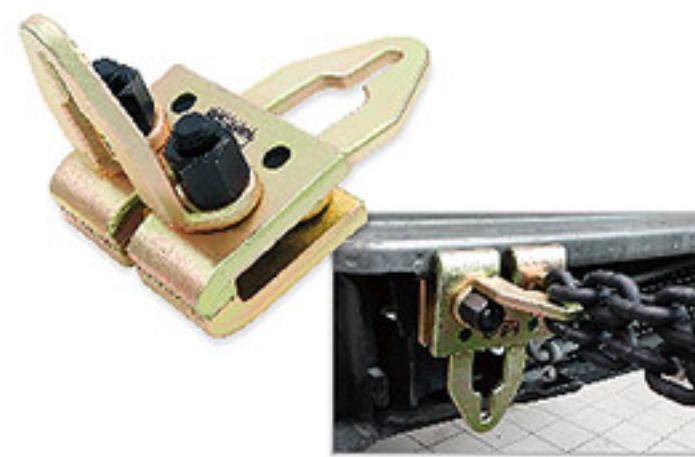


- Two-way pull operation
- Perfect to use in the confined space
- Bolt Size: Ø17mm x 80mm(L)
- Gripping Surface: 44mm (wide) / 24mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	
JFDC0205	5	2	6

Frame Rack Clamp (Two-Way)

CR-MO



- Two-way pull operation
- Self-tightening serrated jaws for a positive grip
- Bolt Size: Ø17mm x 72mm(L)
- Gripping Surface: 118mm (wide) / 18mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	
JFDE0205	5	3	6

Frame Rack Clamp

CR-MO



- Single-way pull operation
- Self-tightening serrated jaws for a positive grip
- Bolt Size: Ø17mm x 72mm(L)
- Gripping Surface: 118mm (wide) / 18mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFDE0105	5	6

Double Hook Clamp (Double Claw Hook)

CR-MO



- Body repair chain joint with double claw hooks
- For use as a chain shortener or chain connector
- Use with 5/16", 3/8" chains
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	
JFEA0106	6	10



Slide Hammer Dent Puller Set

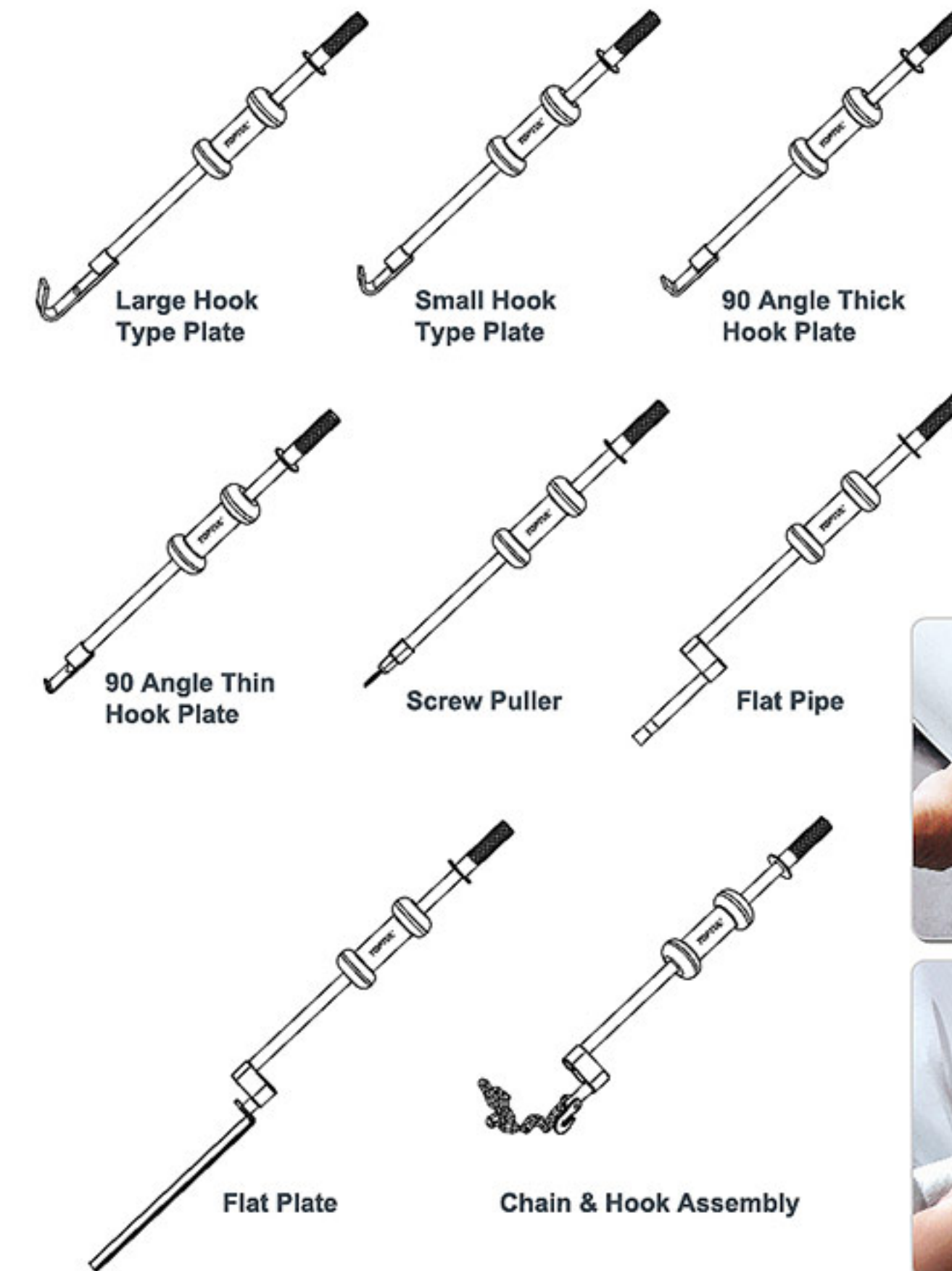


ITEM NO. JGA1202

2 (SET)

- Features: Commonly used tool set to use on body panel and vehicle chassis. Designed to work on body repair, chassis, bumper ends, fender edge, door, door edge or other unique pulling applications. Heavy duty slide hammer action with 10 lbs hammer and various attachments; Slide Shaft, Slide Hammer, Washer, Slide Shaft Handle, Flat Pipe, Large Hook Type Plate, Small Hook Type Plate, 90 Angle Thick Hook Plate, 90 Angle Thin Hook Plate, Two Hole Pipe, Flat Plate, Chain & Hook, Screw Puller to suit different pulling jobs.

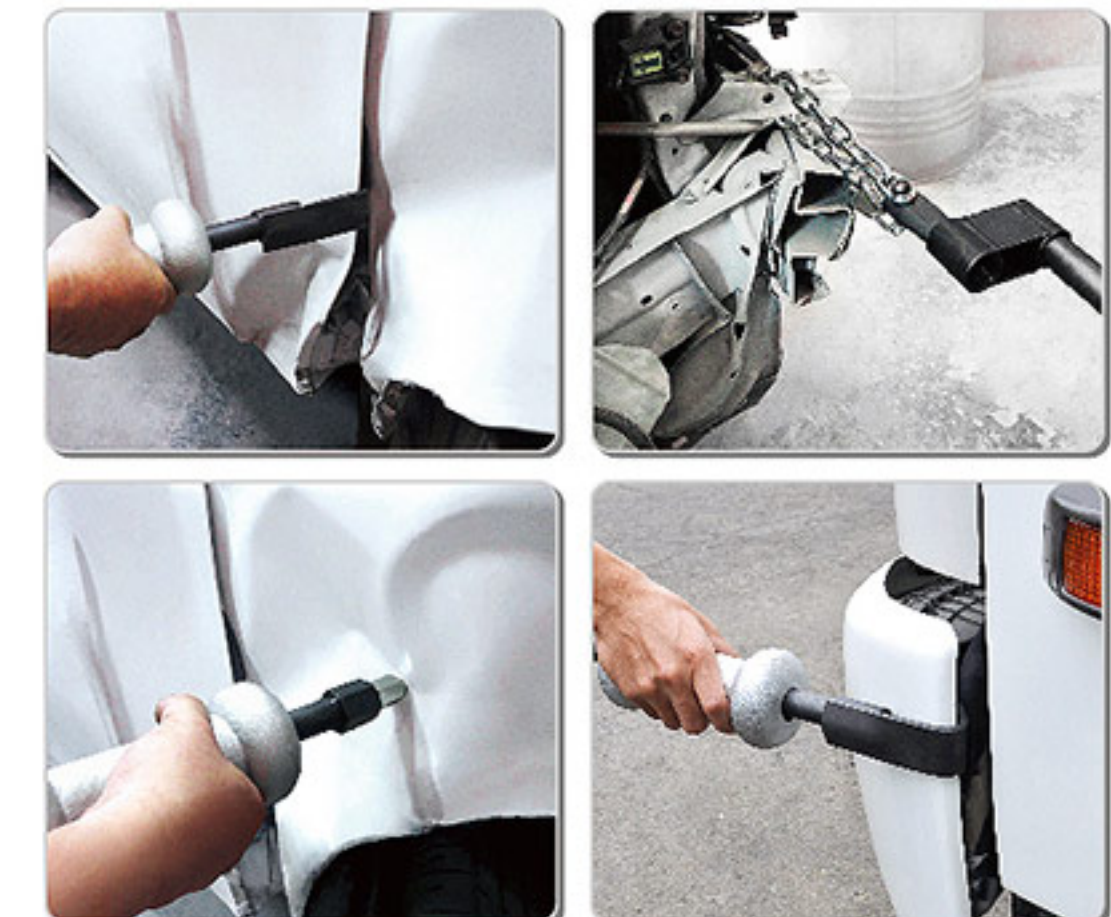
BLOW CASE: W600 x D210 x H100 (mm)



KIT CONTENT



Part No.	Description	Q'ty
1	Slide Shaft	1
2	Slide Hammer	1
3	Flat Pipe	1
4	Large Hook Type Plate	1
5	Small Hook Type Plate	1
6	90 Angle Thick Hook Plate	1
7	90 Angle Thin Hook Plate	1
8	Two Hole Pipe	1
9	Flat Plate	1
10	Chain & Hook	1
11	Screw Puller	1
12	Washer	1
13	Slide Shaft Handle	1



Pneumatic Suction Dent Puller

- Large dent puller with pneumatic control to create a strong vacuum to easily pull dents out of panels
- The suction cups hold the panel and the slide hammer pulls out dents without damage to the paint work
- Dent puller suction pads are made of premium soft rubber material
- Supplied with 3 different dimensions of suction pads for various dent size
- Ideal for initial panel reshaping

Specification:

- Air exhaust from the handle
- Air Inlet: 1/4" PT
- Working Pressure: 70-170 PSI (5-12 BAR)



ITEM NO.	CONTENTS	4 (SET)
JFJA0615	1 Sliding Hammer Assembly (3 lbs / 1.36 kgs) 1 Suction Pad Ø150 mm 1 Suction Pad Ø120 mm 1 Suction Pad Ø60 mm 1 Air Inlet Hose (L=330mm) 1 Air Inlet Nipple 1/4" PT (Male)	
	European Type (Item No. JFJA0615E) Japanese Type (Item No. JFJA0615J)	

Single Vacuum Suction Cup Lifter



- Sturdy plastic handle with rubber suction cup
- Suitable for flat and non-porous surface materials, e.g., glass, tiles, sheet metal, marble

ITEM NO.	CUP DIAMETER (mm)	LIFTING CAPACITY (kg)	6	48
JJBD1112	120	40	6	48

Double Vacuum Suction Cup Lifter with Flexible Head



- Sturdy plastic handle with two rubber suction cups
- Adjustable handle design for curved surface
- Ideal for transporting and positioning of windshields during fitting

ITEM NO.	CUP DIAMETER (mm)	LIFTING CAPACITY (kg)	4	8
JJBD2212	120	65	4	8

Windshield Removal Tool

- Specially designed tool to easily and safely remove bonded windshields and backlights
- Tempered steel blade precisely cuts the adhesive sealant around windshields
- Fully replaceable blade
- Large durable aluminum handle, combined with a steel cable pull handle provides extra grip and leverage
- Supplied with 1" (25mm) tempered steel blade (Replacement Blade Part No. JLBH0401)



ITEM NO.	Blade Length	12	48
JJCD0101	1" (25mm)	12	48

6PCS Windshield Removal Tool Blade Set

- 6 pcs spare blades for TOPTUL Part No. JJCD0101 Windshield Removal Tool
- Blade made of tempered spring steel
- Highly sharpened to cut faster



ITEM NO.	Blade Length	12	144
JLBH0401	1" (25mm)	12	144

Self-Locking Multi-Grip Pliers with Wide Flat Jaws



- Chrome Molybdenum Alloy Steel Jaw
- Clamps lap joints allowing four consecutive spot welds without tool removal
- Suitable for spot welding and auto-body repair works
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	12	24
DMAI1A08	0 - 12	200	12	24

Self-Locking Multi-Grip Pliers with Wide Curved Jaws



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two butt or adjacent joints
- Enables to work in tight spots
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	12	36
DMAK1A09	0 - 10	215	12	36

Self-Locking Multi-Grip Pliers with Straight Jaws



- Chrome Molybdenum Alloy Steel Jaw
- Allows to work in narrow areas
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	6	36
DMAM1A08	0 - 18	195	6	36

Self-Locking Multi-Grip Pliers with Double Curved Jaws



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two flanged lapped or adjacent joints
- Suitable for auto-body repair works
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	12	24
DMAJ1A09	0 - 10	230	12	24

Self-Locking Multi-Grip Pliers with Angled Jaws



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two flanged lap joints
- Enables to work in tight spots
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	6	36
DMAL1A09	0 - 15	210	6	36

Plugweld Locking Pliers



- Solid copper pad on fixed jaw prevents burn-through when plug welding thin sheet-metal panels
- Weld does not stick to copper which also allows for quick cooling
- U-shape bottom jaw provides even pressure around welding spot
- Quick-release level easily unlocks the pliers

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	5	50
DMAH1A10	0 - 50	250	5	50

4PCS Windshield Removal Tool Set

- A specific tool set for easy and safe removal of any style of windshield including acutely angled ones
- Tool set includes a 72 feet triangle stainless cutting wire that can be cut to any desired length, 2 wire gripping handle and a wire feeder tool that can be piercing through the glue trim
- Made of expert quality tool steel with reinforced composite plastic handle



ITEM NO.	CONTENTS	8	32
JGAR0403	1 JLBH0125 Wire Feeder Tool 2 JLBH0208 Wire Gripping Handle 1 JLBH0307 72 Feet Triangle Stainless Cutting Wire	8	32

72 Feet Triangle Stainless Cutting Wire

- Material: Stainless Steel



ITEM NO.	TYPE	LENGTH	50	100
JLBH0307	Triangle	72 feet (22m)	50	100

2PCS Bodywork File Holder Set



- Lightweight and durable aluminum alloy die-cast handle
- Adjustable bodywork file holder to match the surface of flat and curved workpieces
- The bending radius of the file can be steplessly controlled via the tensioning system
- Double-sided blade radially milled
- Ergonomic grips fit securely in the hand to ensure a strong and sturdy grip
- Ideal for any surface work on sheet metal, non-ferrous metals and plastics
- Includes one 9TPI Bodywork File Blade (medium, radially milled)

ITEM NO.	CONTENTS	20 (SET)
JGAE0205	1 JFHA0136 Bodywork File Holder (L=350mm) 1 JLAT0109 9TPI Bodywork File Blade (L=355mm)	20 (SET)

Bodywork File Blade



- Suitable for Bodywork File Holder #JGAE0205
- Blade Dimension: (W)35x(T)4.5mm

ITEM NO.	Teeth Per Inch	Tooth Shape	Length (mm)	10	60
JLAT0109	9	Medium, radially milled	355 (14")	10	60
JLAT0112	12	Fine, radially milled	355 (14")	10	60

Trim Clip Removal Pliers

CR-MO



- For quick removing staples, clips, door panels, fascia and trim supports without damage
- Wide nose design to prevent breaking or tearing panels when undoing facings
- Designed for accessing difficult to reach places
- Made of Chrome Molybdenum Steel, black pliers head, comfort grip handle
- Total length: 240mm (9-1/2")

ITEM NO.	LENGTH (mm)		
JJAN0109	240 (9-1/2")	12	36

6PCS Mini Handy Remover Set



- Made from high impact resistant nylon material to minimize scratches
- Specific slim profile design and unique shape for easy removal
- Place tool under edge of panel or trim to remove trims and internal fittings

ITEM NO.	CONTENTS	
JGAS0601	1 JJAP0620 Angled Clip Panel Remover - 30(W)x200(L)mm	12 (SET)
	1 JJAP0720 Flat Clip Panel Remover - 30(W)x200(L)mm	
	1 JJAP0820 Panel Remover - 24(W)x200(L)mm	
	1 JJAP0920 Sharp Panel Remover - 24(W)x200(L)mm	
	1 JJAP1020 Straight Panel Remover - 17(W)x200(L)mm	
	1 JJAP1120 Clip Panel Remover - 37(W)x200(L)mm	

Double End Metal Wedge Pry Tool



ITEM NO.	TIP THICKNESS (mm)	LENGTH (mm)	WIDTH (mm)		
JJBP0621	0.45	210 (8-1/4")	25.4	12	96

Trim Removal Wedge



- Made from high impact resistant nylon material to minimize scratches
- Smooth tapered design simplifies insertion
- Hang-up design for convenient storage
- Place tool under edge of panel or trim to remove trims and internal fittings

ITEM NO.	SIZE(L) x (W) x (H) mm		
JJAP1219	190 x 30 x 23	8	128

5PCS Handy Remover Set

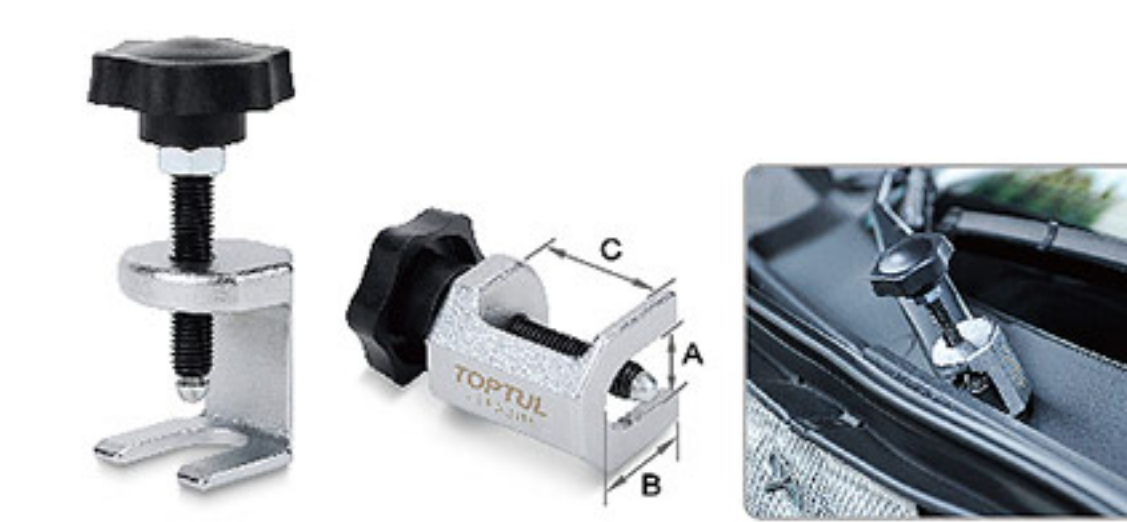


- Made of reinforced Nylon and Fiberglass
- Specific slim profile design
- Safely removes plastic fasteners without damage or scratches
- Large support area to protect clips and panels
- Ideal for removing trim, rubber gaskets, interior trim, door panels, dashboard fascia, switches and etc.

ITEM NO.	CONTENTS	
JGAS0501	1 JJAP0118 Remover Pull Type - 30(W)x180(L)mm	12 (SET)
	1 JJAP0220 Handy Remover - 30(W)x200(L)mm	
	1 JJAP0318 Remover Narrow Type - 20(W)x180(L)mm	
	1 JJAP0421 Upholstery Clip Remover - 20(W)x210(L)mm	
	1 JJAP0516 Remover Wide Type - 60(W)x160(L)mm	

Windshield Wiper Arm Puller

CR-MO

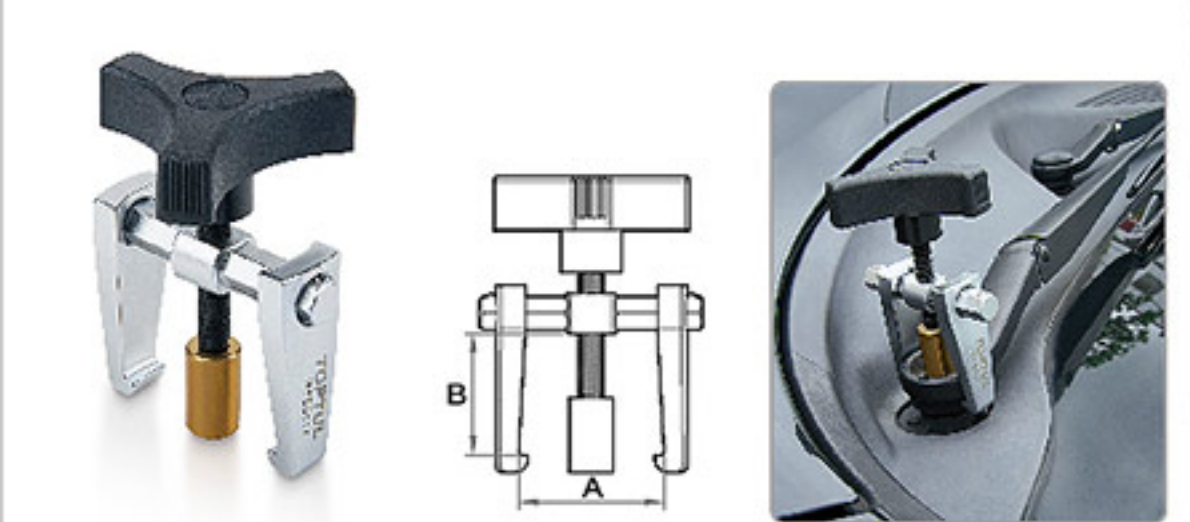


- Designed for removing windshield wiper arm
- Avoid damage to the bodywork and wiper assembly
- Simply place puller feet under wiper arm and tighten forcing screw against wiper shaft
- With adjustment knob for quickly operation

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	Thread (mm)	Length (mm)		
JFFA0116	15.5	23.4	28	M8 x 1.25 x 48	12	6	72

Windshield Wiper Arm Remover

CR-MO



- Designed for removing wiper arms without damaging the wiper arm
- Adjustable arms allows the efficient removal of the wiper arm
- Spindle end with brass cap to prevent damage to the windshield wiper arm
- Can be used for both front and rear wiper arms
- Suitable for use on applications with a windshield wiper arm width of up to 42mm

ITEM NO.	A min. / max. (mm)	B (mm)	Thread (mm)	Length (mm)		
JFFB0142	15 - 42	37	M8 x 1.25 x 43	6	72	

Hot Stapler Plastic Repair Kit

- Specialty tools for repairs and reinforcements of broken, damaged, split plastic parts
- Quick and effective repair without destroying material unnecessarily
- Kit contains three different shapes and diameters of stainless steel staple
- Suitable for repairing non-heat-resistant plastic parts, such as bumpers, spoilers, lamp holders, rearview mirrors and etc.

Specification:

- Power Rating: 100-240V / 50-60Hz, Maximum up to 20W
- Certification: CE, RoHS Approved



ITEM NO.	CONTENTS		Types of Plug Adapter (power charger)
JGAI0102	1 Heating Device (Stapler)	10 (SET)	A. (US)
	1 Power Supply: AC 100-240V / 50-60Hz		E. (EU)
	100 Ø0.6 mm W Shape Staple		Z. (AUNZ)
	100 Ø0.8 mm W Shape Staple		U. (UK)
	100 Ø0.6 mm V Shape Staple		

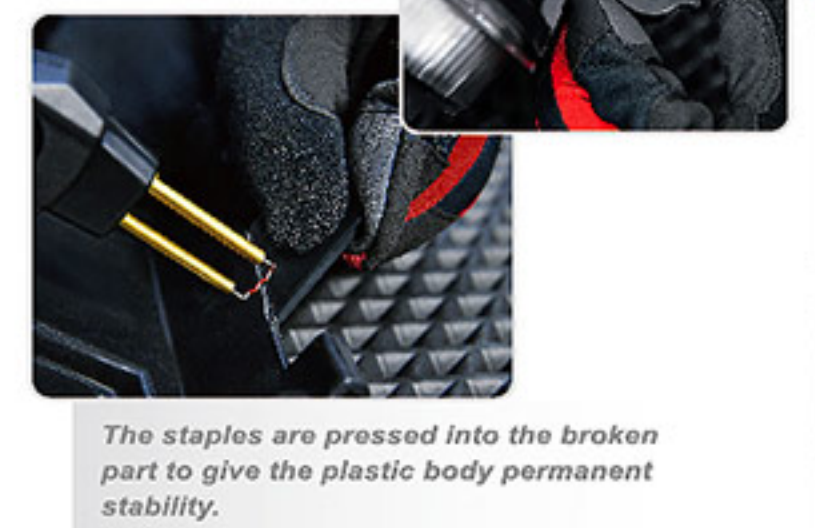
BLOW CASE: W310 x D250 x H60(mm)

Repair Staples Set

- Includes 100pcs per set
- Suitable for repairing breaks on headlamps, bumpers and etc.
- The staple are fused into the breaks
- Made of Stainless Steel

ITEM NO.	SHAPE	Ø (mm)	(SET)	(SET)
JLAV0206	W	0.6	10	60
JLAV0208	W	0.8	10	60
JLAV0306	V	0.6	10	60

Expert Quality, easy to use and practical hot stapler for repairing plastic bodywork components.



The staples are pressed into the broken part to give the plastic body permanent stability.

Tube Cutter, Flaring & Swaging Tool Set

- 45° flares and swages soft steel tubing such as soft copper, aluminum and brass tubing
- Swages in close quarters where punch style cannot be used
- Flaring bar with size capacity: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" O.D. tubing
- Tube cutter capacity: 1/8" to 1-1/8"
- Swage adapters: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"



ITEM NO.	CONTENTS	10 (SET)
JGAI1001	1 Flaring Bar (Small Size) 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" O.D. Tubing 1 Flaring Bar (Large Size) 1/2", 5/8", 3/4" O.D. Tubing 1 Tube Cutter W/Retractable Reamer Cutting capacity: 1/8" to 1-1/8" 1 Steel Yoke 5 Swaging Adapter 3 in 1 (3/16", 1/4", 5/16", 1/2", 5/8", 3/4") 1 45° Flaring Adapter	

BLOW CASE: W270 x D215 x H62 (mm)



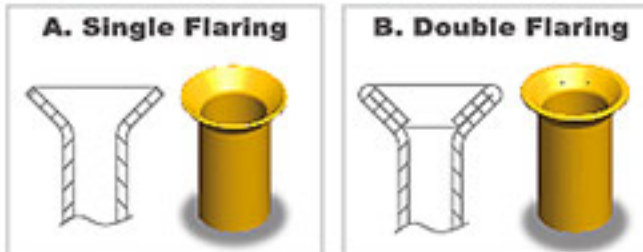
Tube Cutter & Double Flaring Tool Set

- Specially designed tool kit to double flare tubing for high pressure application in automotive, air conditioning and etc.
- Accurately single or double flares soft steel tubing such as copper, aluminum and brass tubing for leak free connections
- Screw-type 45° flaring press
- Tube cutter capacity: 1/8" to 1-1/8"
- Flaring bar & adapter sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8"



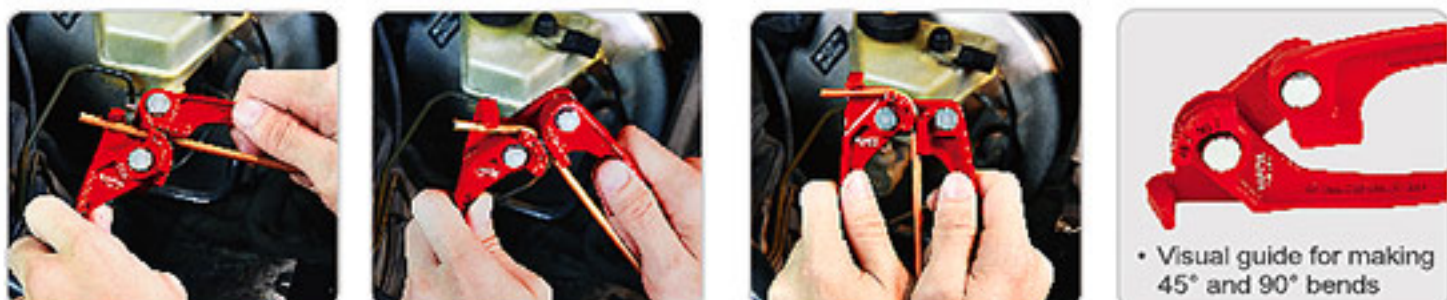
ITEM NO.	CONTENTS	10 (SET)
JGAI1002	1 Flaring Bar 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. Tubing 1 Tube Cutter W/Retractable Reamer Cutting capacity: 1/8" to 1-1/8" 1 Steel Yoke W/45° Flaring Cone 7 Flaring Adapter 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. Tubing	

BLOW CASE: W270 x D215 x H62 (mm)



3-In-1 Brake Pipe Bender

- Lightweight & handheld model
- Made of premium aluminum alloy for extra strength and durability
- Specially designed for bending pipes without kinking or collapsing the pipe walls
- Three channel groove sizes for 3, 4 and 6mm (1/8", 3/16" and 1/4") O.D. tubing
- Bending range from 0 to 90 degrees with reference marks at 45 and 90 degrees for accurate bends
- Maximum bending radius approx. 15mm
- Suitable for aluminum, brass, copper and soft steel pipes
- Ideal for automotive brake lines, fuel lines, air conditioning & refrigeration and etc.



ITEM NO.	CAPACITY O.D. Ø (mm)	L (mm)	Applications	10	60
JJB0106	3, 4, and 6 (1/8", 3/16" and 1/4")	140	Aluminum, Brass, Copper and Soft Steel		

10PCS Ball Bearing Extractor Set



- Designed for removing different type of ball bearings mounted on shafts or located in housings
- To remove grooved ball bearings without dismantling the shaft and machine components
- Three pairs of ball adapters precisely fit and lock onto the ball bearing raceway
- Straight pulling ensures an even pulling force on the inner and outer rings of the bearing
- Suitable for ISO bearing 6004-6010, 6201-6206, 6300-6304
- Ideal for use in SKF, FAG, Timken, NTN bearings and etc.

ITEM NO.	CONTENTS	20 (SET)
JGAI1005	1 Ball Bearing Extractor Set (Capacity 20 - 95mm) 1 Center Bolt Adapter 2 Extension Rod (L=106mm) 2 Ball Adapter Ø5.5mm 2 Ball Adapter Ø6.0mm 2 Ball Adapter Ø8.0mm	

BLOW CASE: W258 x D154 x H47 (mm)

15PCS Screw Extractor Set

CR-MO



- Specially designed tools for removing most kinds of damaged, stripped, rusted, broken, stuck, rounded screws or bolts and studs
- Aggressive reverse spiral design for maximum gripping power
- Manufactured from heat treated Chrome Molybdenum Alloy Steel
- Extra low profile design for use in confined spaces
- Hexagonal head for use with wrenches, sockets or pliers
- Suitable for high torque applications
- Screw extractor sizes include: 12mm Hex Driver: 3, 4, 5, 5.5, 6, 8, 10mm & 1/8", 3/16", 1/4", 3/8" 16mm Hex Driver: 11, 12, 14 mm & 1/2"

ITEM NO.	CONTENTS	20 (SET)
JGAI1503	10 Screw Extractors (Metric Size) 3, 4, 5, 5.5, 6, 8, 10, 11, 12, 14 mm 5 Screw Extractors (Inch Size) 1/8", 3/16", 1/4", 3/8", 1/2"	

BLOW CASE: W200 x D105 x H32 (mm)

7PCS Air Blow and Suction Gun



Change from vacuum to blower simply by reversing the internal valve

ITEM NO.	GDAE0702	10 (SET)
•	Air Inlet: 1/4" PT	
•	Working Pressure: 90 PSI	
•	Simply change the installation direction of the inner valve to convert between air blower to vacuum	
•	Ideal cleaning accessory for garages and workshops	
•	Suitable for cleaning car seat, engine room, cabinet, wood chips, metal shavings, powders and etc.	
•	Contents: Aluminum gun, flexible hose, dust bag, extension tube, small tube, flat tube and brush	

12PCS Airbag Removal Tool Set



The release hole requires different removal tools depending on the car model

ITEM NO.	JGAI1206	20 (SET)
•	Comprehensive kit for quick and safe removal of steering wheel airbag module	
•	Specially designed tools to effectively avoid additional damage to the airbag or surrounding components/trim during the disassembly process	
•	Kit includes 7 specially shaped tools for releasing airbag holding springs and 5 appropriate length bit sockets for optimal access to the reinforcement screws of the airbag module	
•	Universal kit suitable for the majority of the European vehicles including Audi, BMW, Mercedes-Benz, Opel, Renault, Seat, Škoda, VW and etc.	

BLOW CASE: W279 x D164 x H55 (mm)

Magnetic Fender Cover

- Safely protect the car panel against scratches and damages during maintenance and repair works
- Easy to clean vinyl leather front side surface
- Resistant to water, grease, oil and etc.
- Built-in strong magnets to secure the cover to metal fenders



8 Strong Magnets

ITEM NO.	SIZE (W) x (H) mm	20
JJAQ1102	1050 x 400 (41-11/32" x 15-3/4")	

8PCS Air Blow and Suction Gun (One-Hand Switchable Type)



One-hand reversing vacuum / blower switch

ITEM NO.	GDAE0801	10 (SET)
•	Air Inlet: 1/4" PT	
•	Working Pressure: 90 PSI	
•	One-touch regulator knob quickly converts between air blower to vacuum	
•	Ideal cleaning accessory for garages and workshops	
•	Suitable for cleaning car seat, engine room, cabinet, wood chips, metal shavings, powders and etc.	
•	Content: Aluminum gun, flexible tube, dust bag, extension tube, small tube, flat tube, flexible hose and brush	

23PCS Universal Terminal Release Tool Set



ITEM NO.	JGAI2301	10 (SET)
•	Specially designed to release terminals from the plastic connectors without damaging to wires or terminal blocks	
•	Release terminals on most body wiring connectors	
•	Assortment of 23 tools for universal application in the auto wire terminal	
•	Application: BMW, Mercedes-Benz, Opel, VW, Audi, Porsche, Ford, Seat, Škoda, Jaguar, Citroën, Fiat, Saab, Mazda, Renault, Chrysler, Toyota, Honda, Mitsubishi and other vehicles	

BLOW CASE: W435 x D250 x H75 (mm)

Magnetic & Suction Grip Fender Cover

- Safely protect the car panel against scratches and damages during maintenance and repair works
- Easy to clean vinyl leather front side surface
- Resistant to water, grease, oil and etc.
- Features a cut-out shape, allowing access and service to wheel and brake
- Equipped with both magnets and suction pads for stronger fixation
- Ideal for metal and plastic wings or securing onto headlight covers



8 Strong Magnets

ITEM NO.	SIZE (W) x (H) mm	20
JJAQ2202	1050 x 580 (41-11/32" x 22-27/32")	

13PCS Motorcycle Chain Breaker and Riveting Tool Set



#25 - #530



ITEM NO. JGA11304

24 (SET)

- Comprehensive kits for breaking and riveting most types of chain quickly and easily
- Expert quality and designed for most sizes of drive or cam chain from #25 to #530
- To press the rivet from #520 or up easily, it is recommended to grind rivet heads off first
- This tool set contains 3 breaking pin sizes to fit most chains (2.2mm, 2.9mm, 3.8mm diameter)

BLOW CASE: W220 x D120 x H50 (mm)

394PCS Rubber O-Ring Assortment Kit



- Universal O-Ring assortment, perfect for professional workshops and garages
- O-ring made of Nitrile Rubber (NBR 70) material
- Kit contains the most commonly used metric sizes o-rings for industrial and automotive applications
- 32 different sizes in metric measurements

ITEM NO. CONTENTS

20 (SET)

JGEW394A Metric O-Ring Sizes: (I.D. x Thickness)
3 x 1 (36pcs), 4 x 1 (17pcs), 5 x 2 (9pcs), 6 x 2 (17pcs), 8 x 2 (17pcs), 10 x 2 (17pcs),
11 x 2 (17pcs), 12 x 2 (17pcs), 14 x 2 (17pcs), 17 x 2 (17pcs), 20 x 2 (17pcs), 10 x 3 (11pcs),
12 x 3 (11pcs), 16 x 3 (11pcs), 18 x 3 (11pcs), 22 x 3 (11pcs), 20 x 4 (9pcs), 22 x 4 (9pcs),
24 x 4 (9pcs), 25 x 4 (9pcs), 30 x 4 (9pcs), 34 x 4 (9pcs), 36 x 4 (9pcs), 40 x 4 (9pcs),
45 x 4 (9pcs), 47 x 4 (9pcs), 50 x 4 (9pcs), 16 x 5 (7pcs), 25 x 5 (14pcs), 30 x 5 (7pcs),
32 x 5 (7pcs), 35 x 5 (7pcs)

PLASTIC BOX: W275 x D160 x H45 (mm)

Spark Plug Terminal Pliers



- Specially designed tool to remove cable terminals from spark plugs quickly and safely
- Curved designed jaws grip the cable terminals tightly without damages
- Heavy-duty plastic coating for pliers' jaws and handles provides a shockproof sure grip

ITEM NO.	LENGTH (mm)	6	72
JIAA0108	200 (8")		

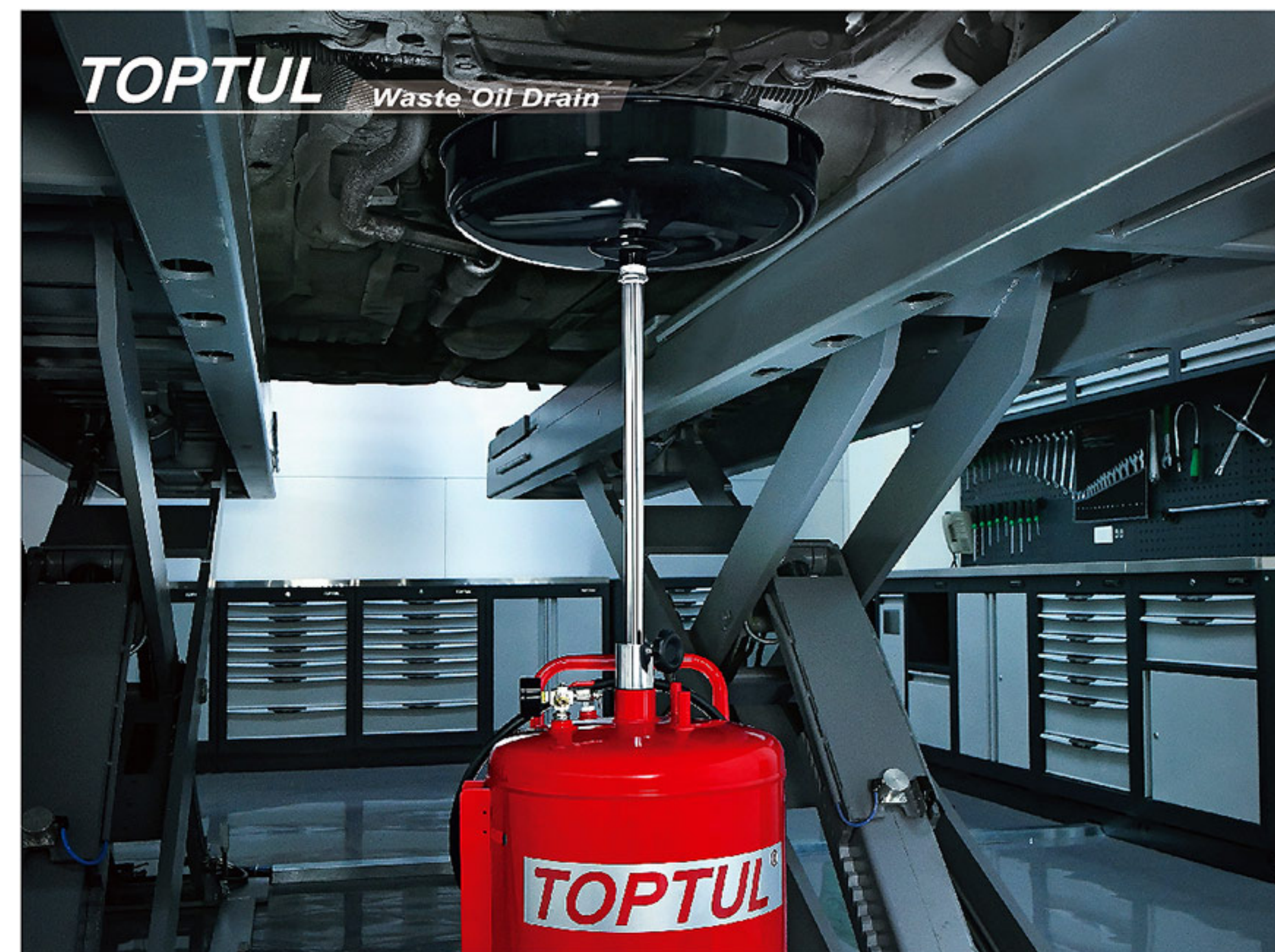
20PCS Radio Removal Tool Set



ITEM NO. JGAA2001

50 (SET)

- Expert quality, selection of keys for the removal and installation of car radios by garages, emergency services and specialist car audio installers
- Suitable for a wide range of applications including VW, BMW, Mercedes-Benz, Audi, Opel, Porsche, Renault, Fiat, Peugeot, Ford, Škoda, Alpine, JVC, Grundig, Blaupunkt, Becker, Clarion, Pioneer & VDO



Waste Oil Drain

- Drain and collect waste oil from vehicles, ideal for working in the workshop
- Drain waste oil and sediment from engines, gearboxes and differentials of vehicles by gravity
- 80 liters steel waste oil tank with 4 swivel casters for easy movement (2 swivel casters with lock)
- 520mm large diameter metal funnel with a filter and a plastic net to prevent splashing
- Adjustable height from 1090 to 1570mm
- Clear oil level tube for easy and quick check of the oil level in the tank
- Pneumatic pressure discharging with manometer and safety valve
- Flexible drain pipe with valve, length 1700mm

Automatic valve design,
prevents discharged waste
oil from backflowing



ITEM NO.	Capacity (Liter)	Dimension (L) x (W) x (H) mm	Working Pressure Kg / cm ²	PSI	Air Inlet	Type	6
JJCZ0180E	80	520 x 520 x 1090 - 1570	4	55	1/4" PT	EU	1
JJCZ0180J	80	520 x 520 x 1090 - 1570	4	55	1/4" PT	JP	1



80
Liter

Manual Fluid Extractor



Pneumatic Brake Bleeder (European Type)

- Suitable for most standard and ABS brake systems
- The manual trigger has a locking mechanism (fixing ring lock) to provide hands-free operation and keep extracting oil continuously
- Automatically cut off design (shut-off valve) to prevent overflow
- Equips with a noise-reduction silencer for a quieter working environment
- The unit contains a vacuum fluid extractor and a silicone bleeding hose with brake nipple



Pneumatic Fluid Extractor & Dispenser with ATF Adapter



Description	Application	Description	Application
	Mini Cooper, Audi, VW		Universal for BMW, Nissan, Honda and etc.
	Ford		Mercedes-Benz 722.9, Toyota Altis 2010
	Škoda, Audi, VW		Audi, VW CVT
	Porsche, Audi, VW		Audi, VW DSG

- Specially designed for under car transmission fluid service
- Use to extract, transfer and dispense fluid quickly, safely and cleanly
- Pneumatic operation ensures higher extraction speed and automatically dispensing
- Safety valve with pressure gauge, pre-setting of 43 PSI (3 BAR), the excess pressure will be released automatically
- Additional screw valve enables quick switch of extracting or dispensing
- All connections are simply press-on quick connects for ease of use
- Includes Oil Control Gun with 2M PU Hose, 1M Nylon Extraction Hose, 0.7M Universal Flexible Hose and 8pcs ATF Filling Adapter Kit in plastic storage case
- Application: Audi, VW DSG/CVT, Mini Cooper, Škoda, Porsche, Mercedes-Benz 722.9, Toyota Altis 2010, Ford, BMW, Nissan, Honda and etc.

ITEM NO.		ITEM NO.	
JJEZ0106E (EU Type Air Inlet Nipple)		JJEZ0106J (JP Type Air Inlet Nipple)	
SPECIFICATIONS		SPECIFICATIONS	
Working Pressure	40 - 170 PSI (2.8 - 12 BAR)	Working Pressure	40 - 170 PSI (2.8 - 12 BAR)
Average Air Consumption	2 CFM	Average Air Consumption	2 CFM
Air Inlet	1/4" PT	Air Inlet	1/4" PT
Fluid Temperature Range	-19°C - 60°C (-3°F - 140°F)	Fluid Temperature Range	-19°C - 60°C (-3°F - 140°F)
Container Capacity	6 Liter (6000 ml)	Container Capacity	6 Liter (6000 ml)

Multi-Purpose Fluid Syringe 1.5L

- Ideal for the transfer of oils/fluids to and from vehicle components
- Translucent body with scale allows easy inspection of the condition of the fluid
- Shut-off valve to avoid accidental spillage during fluid transfer
- Made of Polypropylene (PP) with NBR seal
- Syringe capacity 1.5 liters, hose length 400mm
- Suitable for engine oil, gear oil, differential oil, power steering fluid and etc.



• Shut-off valve design to avoid accidental spillage

ITEM NO.	Capacity (L)	Hose Length (mm)	
JJDZ0115	1.5	400	20

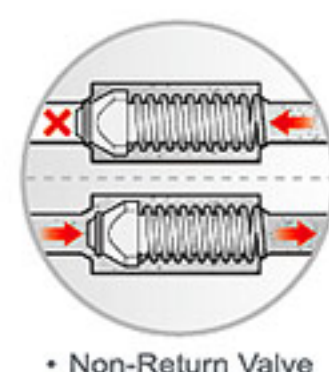
Brake Fluid Refill Bottle



- Practical refill bottle designed for when simultaneously and automatically filling the new brake fluid into the brake fluid reservoir while bleeding the old brake fluid
- Prevent the complete emptiness of the brake fluid reservoir and the air from entering the hydraulic brake system
- Translucent body with scale allows easy inspection of the condition of the fluid
- Switch valve to avoid accidental spillage during fluid transfer
- Adjustable swivel clamp device for different reservoir openings
- Made of durable and corrosion-resistant HDPE plastic material
- Universal fitting for most automotive and motorcycle

ITEM NO.	Capacity (ml)	
JEFF01A0	1000	12

Brake Bleeder Valve with Reception Bottle



• Non-Return Valve

- Easy to replace the brake fluid by one person
- Non-return valve prevents old brake fluid or exhausted air backflow
- Transparent hose to evaluate the condition of the fluid and presence of air
- Suitable for cars, trucks, motorcycles and etc.
- Including detachable hook

ITEM NO.	Capacity (ml)	Hose Length (m)	
JECF0180	800	1	50

Portable Bearing Packer



- Handy tool for quickly packing bearings with less mess
- Simply press down the cap to flush old grease out and packs bearing with new grease
- Works on bearing up to 90mm (3-1/2") O.D.
- Transparent, impact resistant cup allows grease level check
- Suitable for most tapered roller bearings fitted on cars, boats, trailers and etc.

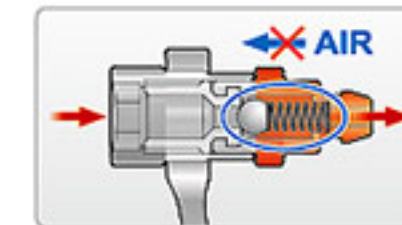
ITEM NO.	Max. Capacity Ø (mm)	
JJBH0110	90 (3-1/2")	36

7PCS Brake Bleeder Wrench Set

- Ideal for bleeding brake and hydraulic clutch systems
- Easy to use without removing the wheels or raising the vehicle
- Specially designed brake bleeder wrench with direct built-in one-way check valve to prevent old brake fluid or exhausted air backflow
- Wrench with integral captive socket, directly fitting to bleeder screw making loosening and tightening more easier and convenient
- Color-coded for easy size identification
- Suitable for all vehicles, SUVs, light trucks or motorcycle brake calipers and wheel cylinders
- Kit includes six brake bleeder wrenches and one 1M silicone bleeding hose



The bleed nipples fitted with 6-point sockets to prevent slipping and rounding



One-way check valve inside the socket to avoid backflow of old brake fluid



ITEM NO.	CONTENTS	
JGAI0705	• JEAT0707-1212 Brake Bleeder Wrench with Check Valve 7, 8, 9, 10, 11, 12 mm	12 (SET)
	• JLB00110 1 Meter Transparent Silicone Hose	

BLOW CASE: W310 x D160 x H54 (mm)

Universal Oil Funnel

- Special universal clamp design provides effective and mess free filling of fluids into engines, barrels and different containers
- Hands-free funnel with a spring-action clamp and threaded collar retains funnel securely in position
- Fits on all filler necks with opening between 29 to 74mm
- Transparent lower chamber design allows to monitor oil flow and reduce the risk of overfilling or spillage
- Funnel clamp ring can be height adjusted to fit other conventional funnels
- 250mm deep x 125mm dia. funnel

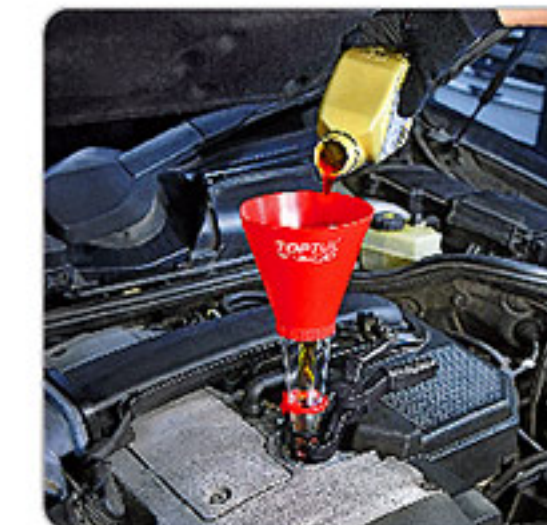


• Threaded collar enhances connection on filler neck



• Spring-loaded clamp holds funnel securely in position

ITEM NO.	L (inch)	Clamping Range Ø (mm)	Funnel Diameter Ø (mm)	
JDDE0110	10"	29 - 74	Approx. 125	12



Universal Lift Support Clamp

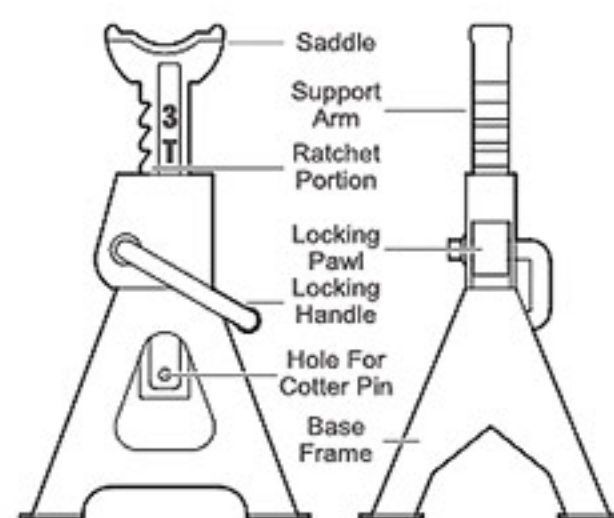
- Designed to securely lock the gas/hydraulic strut rods for safe access to engine compartment or the trunk area
- Soft metal construction of anodized aluminum with brass screw tip to prevent damage to strut shaft
- Place the support clamp on the lifting rod next to the cylinder block and tighten the knob until it is securely fixed on the lifting rod
- Maximum opening width 13mm



ITEM NO.	Max. Capacity (Opening Width)		
JJBG1301	13 mm	12	96

Jack Stands (in pairs)

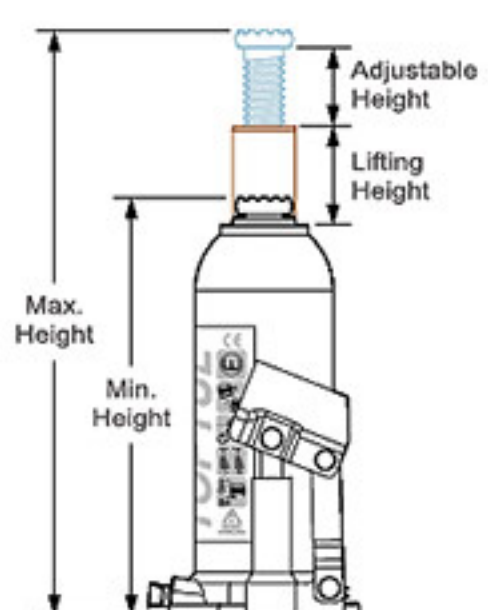
- High quality, steel frame and cast support arm
- Extra large feet to prevent sinking into soft ground or asphalt
- Quick action with 10 stages of height adjustment
- Dual purpose handle serves as carrying handle and column release
- Angled teeth in support arm prevents accidental release of load



ITEM NO.	CAPACITY (ton)	Min. Height (mm)	Max. Height (mm)	BASE SIZE (mm)	(SET)
JHAA0203	3	285	428	185 x 205	4

Hydraulic Bottle Jack

CE EN 1494



• Serrated Saddle & Extension Screw

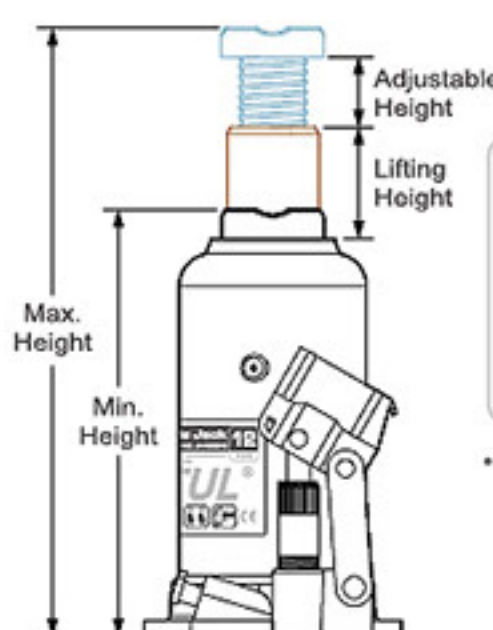


- Essential equipment to safely lift the vehicles during repair and maintenance
- Tempered and hardened serrated saddle ensures secure grip
- Extension screw with safety stop provides added lifting height
- Housing welding onto the base for increased strength and reduced chance of leakage
- Heavy duty oversized cast iron bases for increased strength and durability
- Overload safety valve prevents the damage to cylinder due to overstretch of the ram and overload
- Removable two-piece handle (8 ton is three-piece)
- Operating Temperature: -40°C - 60°C

ITEM NO.	CAPACITY (ton)	Min. Height (mm)	Max. Height (mm)	Lifting Height (mm)	Adjustable Height (mm)	Net Weight (kg)	
JHAB0102	2	168	316	100	48	2	6
JHAB0103	3	188	363	115	60	2.8	6
JHAB0105	5	207	402	125	70	3.7	4
JHAB0108	8	222	447	145	80	4.8	4

Professional Series Hydraulic Bottle Jack

CE EN 1494



• Cross Groove Saddle & Extension Screw



- Designed for intensive and heavy duty use
- Essential equipment to safely lift the vehicles during repair and maintenance
- Tempered and hardened cross groove saddle provides wider lifting area and better grip
- Rust-resisting ENP (electroless nickel plating) ram piston ensures smooth operation and longer service life
- Extension screw with safety stop provides added lifting height
- Housing welding onto the base for increased strength and durability
- Double seals in the pump to prevent oil leakages
- Large steel forged base for exceptional stability in all working positions
- Overload safety valve prevents the damage to cylinder due to overstretch of the ram and overload
- Three-piece handle with spring and positioning slot to avoid loosening during operation
- Operating Temperature: -40°C - 60°C

ITEM NO.	CAPACITY (ton)	Min. Height (mm)	Max. Height (mm)	Lifting Height (mm)	Adjustable Height (mm)	Net Weight (kg)	
JHAB0210	10	220	488	153	115	7.4	3
JHAB0212	12	236	506	160	110	8.5	3
JHAB0215	15	228	501	160	113	10	2
JHAB0220	20	240	515	165	110	13	2

Mechanic's Mat / Kneeling Pad



• M485



• M960



- Made of 3 layered padded construction EVA foam soft material
- Dirt, water, liquid, oil, gasoline resistant mat
- Quick and easy to clean surface
- Universal use in workshops, service and breakdown service vehicles

ITEM NO.	SIZE (L) x (W) x (H) mm	
JJ-M485	485 x 225 x 30	12
JJ-M960	960 x 380 x 30	10

Plastic Creeper

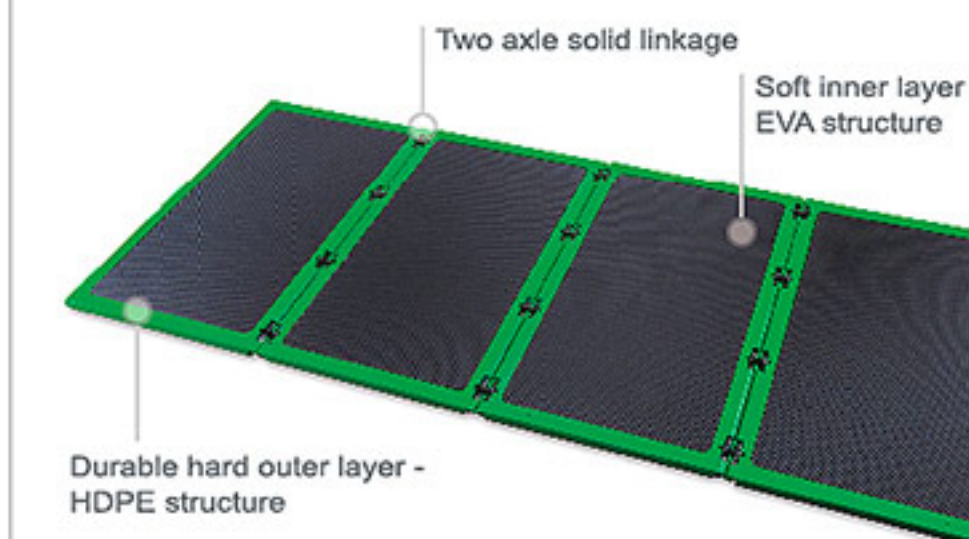
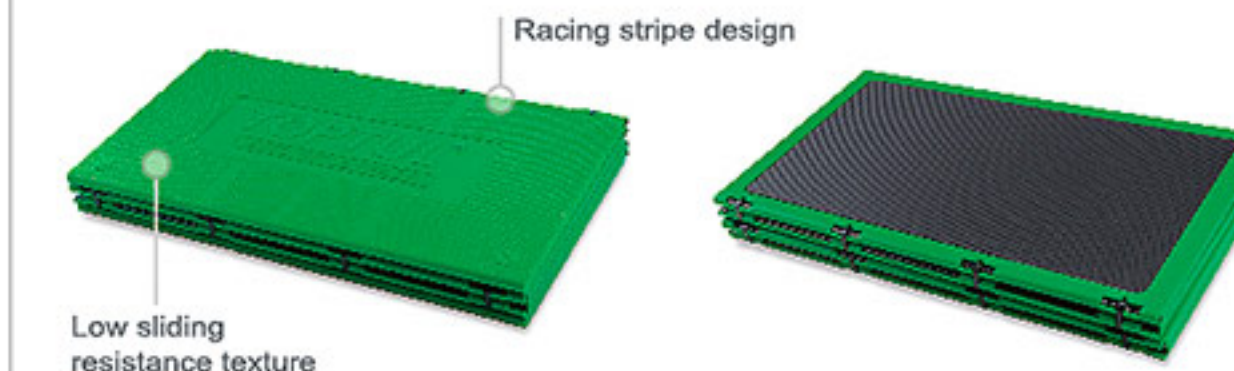


- Rigid molded, one piece plastic construction
- Shaped arm areas for optimal movement freedom
- Padded head support
- Two built-in tool trays (right & left)
- Six 3" PU swivel caster wheels for easy maneuverability
- Practical hand carry handle
- Maximum Load: 135 kg

ITEM NO.	SIZE (L) x (W) x (H) mm	
JCM-0300	1020 x 480 x 115	1

TOPTUL

Foldable Mechanic's Mat / Kneeling Pad



Durable hard outer layer - HDPE structure

- Durable EVA Foam Mat
- Low profile and hard HDPE structure base
- Chemical resistant surface
- Easy clean up with soap and water
- Foldable design for easy storage

ITEM NO.	SIZE (L) x (W) x (H) mm	Unfolded SIZE (L) x (W) x (H) mm	
JJ-M480B	480 x 265 x 48	1060 x 480 x 12	5

PU Braided Recoil Air Hose



• KHLC0810E & 0815E Quick Coupler & Nipple (EU)



• KHLC0810J & 0815J Quick Coupler & Nipple (JP)

- Professional grade ultra-lightweight polyurethane hose
- Integrated braided polyester yarn reinforcement for high tensile strength
- All-weather flexibility, withstands temperatures from -20°C to 60°C (-4°F to 140°F)
- Excellent flex fatigue and resilience characteristics
- High abrasion resistance and kink resistance
- Designed for high-performing pneumatic system, high pressure compressors and air tools and etc.
- Fitted with rugged steel threaded connector or quick coupler
- Working pressure: 200 PSI (13.8 BAR / 14 kgf/cm²)
- Burst pressure: 800 PSI (55.2 BAR / 56 kgf/cm²)



• KHLC08100 & 08150 (1/4" PT Male Thread Fitting Connector)

ITEM NO.	Hose I.D. (mm)	Hose O.D. (mm)	Hose Length (M)	Coupler Type	
KHLC08100	8	12	10	1/4" PT Male Thread Connector	20
KHLC08150	8	12	15	1/4" PT Male Thread Connector	12
KHLC0810E	8	12	10	Quick Coupler & Nipple (EU)	20
KHLC0815E	8	12	15	Quick Coupler & Nipple (EU)	12
KHLC0810J	8	12	10	Quick Coupler & Nipple (JP)	20
KHLC0815J	8	12	15	Quick Coupler & Nipple (JP)	16

Mechanic's Roller Seat



- Rugged steel frame construction
- Padded cushion provides comfortable seat
- Built-in one tool drawer and one bottom tray
- 2" hard-wearing and high impact resistant swivel casters
- Supplied with one easy access spray can holder
- Ideal for automotive and garage applications
- Seat dimension: 335mm (L) x 225mm (W)
- Maximum weight capacity: 200 kgs

ITEM NO.	SIZE (L) x (W) x (H) mm	
JCA-350B	350 x 260 x 340	1

Seat Protection Cover



Fully Washable

Universal Size

- Ideal for use when vehicles are being serviced, protecting front seats from dirt, grease and oil
- Universal size suitable for most car and van seats
- Reusable and machine washable

ITEM NO.	SIZE (cm)	
JCS-0102	72 x 134 x 61	10

Oil Drain Pan



- Made of high density HDPE plastic, excellent resistance to impact and high temperature
- Heavy duty construction design with reinforced pan bottom
- Integral spout help pour waste oils and fluids cleanly and accurately into disposal containers
- Self-contained overflow edge (anti-splash lip) contains fluid and prevents spillage when pouring
- Three large and easy grip comfortable handles for safe carrying and outpouring
- Ideal for collecting antifreeze, oil and differential fluids
- Also suitable for parts cleaning operations
- Meets PAHs regulations

ITEM NO.	CAPACITY (Liter)	SIZE (L) x (W) x (H) mm	
JDCE0108	8	500 x 400 x 130	20
JDCE0112	12	580 x 470 x 130	15
JDCE0118	18	680 x 570 x 130	15



Magnetic Car Fender Cover W/Pockets.



- Perfect for engine repair jobs to avoid paintwork damages
- 8 pieces high powered magnets for sure grip
- 4 tool holding pockets with a maximum loading weight up to 1.5 kg

ITEM NO.	SIZE (W) x (L) mm	
JJAQ1106	1070 x 600 (42" x 23-1/2")	12

Wheel Axle Oil Drain Pan



- Made of high density HDPE plastic, excellent resistance to impact and high temperature
- Side opening is designed for easy dumping and anti-splash
- Large and comfortable handle is easy to grasp and carry
- Suitable for collecting oil during large trucks, buses and trailers wheel repairs
- Prevents messy oil spills during wheel repair
- Meets PAHs regulations

ITEM NO.	CAPACITY (Liter)	SIZE (L) x (W) x (H) mm	
JDCE0203	3	315 x 245 x 155	20

Professional Tools
Your Best Working Partners

VDE INSULATED & GENERAL ELECTRICIAN'S TOOLS

438

Protective insulated & electrician's tools are suited for specific applications when working with electrical systems.