

AUTO  
TOOLS



DNT<sup>®</sup>

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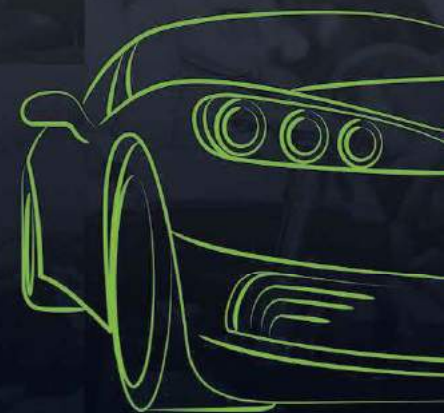
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## C 公司简介 COMPANY PROFILE

宁波市海曙东宁工具有限公司是一家专业生产汽车维修手动工具的厂家。公司成立于2000年，经过了17年的磨炼和沉淀，形成了一个非常年轻而有活力的团队。我们的宗旨：诚信做事，诚恳做人，做有担当的东宁人。

帮你节约修车的时间和成本，让每一个爱动手的修车人都能成为专业的技师，让你的爱车和你一起追逐人生梦想，也是我们每一个东宁人的追求。

Dongning Tools (Ningbo) Co.,Ltd (or DNT Tools, for short), is a Privately owned factory.It's founded in 2,000,and local in the city of Ningbo,China.

DNT Tools is manufacturer and marketer of tools and equipment solutions for professional tool users.which focus on engine tools,disc brake caliper tool,Coil spring compressor,ball joint remover,and puller tools.Meanwhile company built a QC department to control the tools'quality,aim to ensure that the quality of the best tools to the customer.

Up to now,Company already own 100 employees and three workshops,It is able to complete tools from development, production,quality control and export.About Annual output 20 million dollars tools are exported to West Europe,Australia, Northern and Southern American.

DNT Tools aim to become more profession manufacturer and supply better quality tools to Customers.

## C 目录 ATALOGUE

BEARING&GEAR PULLER	P02
INNER BEARING PULLER	P04
WHEEL HUB& BEARING TOOLS	P06
BALL JOINT REMOVER	P10
PULLEY PULLER	P14
MOTORCYCLE CHAIN BREAKER	P15
COIL SPRING COMPRESSOR	P16
BRAKE CALIPER TOOLS	P17
OIL FILTER WRENCH	P19
ALTERNATOR FREEWHEEL REMOVAL TOOL	P21
CAMSHAFT LOCKING TOOLS	P22
VALVE PISTON&SEAL REPAIR TOOL	P29
OIL DRAIN PLUG KEY	P30
TORX BITS&SOCKETS	P31
TESTER& AIR LIQUID DESPENSER	P33
PLIERS&FLARING TOOLS	P37
PLASTIC TOOLS	P38
HAND TOOLS	P39

***Dongning Tools (Ningbo) Co.,Ltd***

## DN-Q1038

### Service Tool Set 汽车维修专用工具组



Ctn size: 685\*915\*465mm  
 Drawer: 575\*400\*115cm  
 G.W: 104KGS  
 N.W: 98KGS 4\*\*1\*\*Caster are used on  
 smoothaction slide cabinet  
 BBS: ball bearing slides Push handle

**CONTENTS:**  
 brake caliper tools  
 wheel bearing removal tools  
 oil filter wrench  
 ball joint removal tool  
 bearing separator (30-105mm)



## DN-D1102-A

### Bearing Separator 蝶式轴承拆卸器

Designed for removing gears and bearings where access is available behind the item two knife edges ensure a secure pulling surface.



Item No	Model
DN-D1102-A	5-60MM
DN-D1102-B	12-75MM
DN-D1102-C	22-115MM
DN-D1102-D	25-155MM
DN-D1102-E	30-220MM
DN-D1102-F	40-280MM

## DN-D1009

### 2Jaws Gear Puller 二爪拉码



## DN-D1010

### 3Jaws Gear Puller 三爪拉码



Puller with two reversible legs for external and internal pulling of gears, bearings, etc. Legs are forged carbon steel and have long and short reach facility. Yoke and thrust bolt are manufactured from carbon steel. Screw has a rolled thread with chemically blacked finish.

Item No	Size	Spread (mm)	Reach (mm)
DN-D1009-1	3"	75	60
DN-D1009-2	4"	100	70
DN-D1009-3	6"	150	120
DN-D1009-4	8"	200	175
DN-D1009-5	10"	250	190
DN-D1009-6	12"	300	215
DN-D1010-1	3"	75	60
DN-D1010-2	4"	100	70
DN-D1010-3	6"	150	120
DN-D1010-4	8"	200	175
DN-D1010-5	10"	250	190
DN-D1010-6	12"	300	215

## DN-D1103-A

### 2 Jaws Gear Puller 二爪拉马



Item No	Spread(mm)	Reach(mm)
D1103-A	60	40
D1103-B	70	74

## DN-D1028

### Parallel Puller 美式拉码

Heavy-duty twin legged bar type puller.  
 Easy removal of pulleys, flywheels, bearings and gears.  
 Drop forged Chrome steel  
 Heat treated and chrome plated.  
 Thrust bearing prevents wear and damage to shaft.



Item No	Spread (mm)	Reach (mm)
DN-D1028-1	80	100
DN-D1028-2	120	100
DN-D1028-3	150	150
DN-D1028-4	200	150
DN-D1028-5	250	200

## DN-D1001

### Bearing Separator 双碟拔轮器



Designed for removing gears and bearings where access is available behind the item Two knife edges ensure a secure pulling surface Drop forged hardened alloy steel, used in conjunction with two leg mechanical pullers, hydraulic pullers or sliding beam applications.

Item No	Model
DN-D1056-A	10-30MM
DN-D1001-1	30-50mm
DN-D1001-2	50-75mm
DN-D1001-3	75-105mm
DN-D1001-4	105-150mm
DN-D1110	1-3/4" ~ 5-7/8"

## DN-D1052

### Armature Bearing Puller 轴承拉马

This armature bearing puller is designed for armatures on cars, electric power tools and other electrical products. Supplied with lock on bolts to hold the puller legs into position.



Item No	Size
DN-D1052-1	25mm
DN-D1052-2	55mm
DN-D1052-3	75mm

**DN-D1002****12pcs Bearing Separator And Puller Set  
12件螺旋轴承拆卸器**

Mechanical puller set with Ø30-50mm and Ø50-75mm separators and single yoke with 180mm thrust bolt.  
Suitable for engineering, automotive, marine and agricultural applications. Supplied in carry-case.  
Contents: Separators; Ø30-50mm, Ø50-75mm, Thrust Bolt 180mm, Extension Bars; 4 x 130, 4 x 105mm, Cross Beam 160mm  
Separator Size: Maximum Reach: Ø30-50mm 170mm Ø50-75mm 220mm

**DN-D1013****14pcs Bearing Separator And Puller Set  
14件螺旋轴承拆卸器**

Mechanical puller set with Ø30-50mm and Ø50-75mm separators and single yoke with 180mm thrust bolt.  
Suitable for engineering, automotive, marine and agricultural applications. Supplied in carry-case.  
Contents: Separators; Ø30-50mm, Ø50-75mm, Thrust Bolt 180mm, Extension Bars; 4 x 130, 4 x 105mm, Cross Beam 160mm  
Separator Size: Maximum Reach: Ø30-50mm 170mm Ø50-75mm 220mm

**DN-D1003****8pcs Bearing Separator And Puller Set  
8件螺旋轴承拆卸器**

Includes a Bearing Splitter with 4" capacity, two sets of hex push puller legs, a 8" bar type puller head mated with a custom thread forcing screw.  
Puller/Bearing set for tough jobs, up to 7-tons, larger applications, and greater reach 8" to 16".  
Capacity to remove steering stem bearings.

**DN-D1020****10Ton Hydraulic Bearing Separator Tool Kit  
10吨液压培林拆卸器 (75-105mm)**

Cast puller yoke with forged separator, 10tonne hydraulic ram interchangeable with other units in the series. Supplied with 75-105mm bearing separator, Maximum puller depth 420mm.  
Contents: 10tonne hydraulic ram, separator 75-105mm, bolt 5/8", extension rod 200mm\*4pc, cross beam.

**DN-D1004****10 Ton Hydraulic Bearing Separator Set  
10吨液压培林拆卸器 (105-150mm)**

Supplied with 10tonne hydraulic ram. Suitable for pulling commercial vehicle size bearings from Ø105-150mm.  
Hydraulic ram interchangeable with other sets in the range. Maximum depth 420mm. Supplied in steel case.  
Contents: 10tonne Hydraulic Ram, Separator Ø120-150mm, Plug, Extension Rod 250mm x 4pc, Cross Beam

**DN-D1045****Hydraulic Gear And Bearing Separator Set  
液压拉马组套**

Forged steel bearing separator, 10ton Ram with enough force to remove most stubborn bearings, pulleys and shafts.  
Packed in handy storage/carry-case.  
Contents: 10ton Hydraulic Ram, 100mm Leg; 3pc, 150mm Leg 3pc, 200mm Leg; 3pc, Twin Head, Triple Head, Extension Rod; 25 x 50mm x 1pc, 25 x 100mm x 1pc, Main Rod; 200mm x 4pc, Beam, Separator 75-105mm, Bolt 5/8", Ram Service Kit, Ram Nut.

**DN-D1022****12pcs Bearing Separator And Puller Set  
12件培林拆卸器**

Heavy duty drop forged, heat treated steel construction hardened and tempered, precision-machined threaded bolts black oxide and zinc plated finish resists corrosion applies even pulling force to prevent damage to gears or bearings  
contents:  
2pc. bearing separators  
2pc. 5-1/2" ( 12TPI ) bolts with nuts and washers  
2pc. 6" x 3/8" ( 16TPI ) pawls with nuts  
4pc. 6-3/4" connecting bolts 3/8" ( 16TPI ) 5/16" ( 18TPI ) with nuts  
1pc. yoke  
1pc. 5-1/2" x 9/16" ( 10TPI ) counter screw  
2pc. counter screw adapters cone, flat complete with molded case"

**DN-D1056****9Pcs Bearing Separator And Puller Set  
9件培林拆卸器**

Compact set containing bearing separator, yoke and extensions. Chrome Vanadium components ensure long tool life. Also suitable for removing small gears, wheels and fittings from shafts. Supplied in storage case.  
Contents: Separator 15-58mm, 2" Jaw 50mm, Thrust Screw, 2" Extension Rod 45mm, 2" Extension 30mm, Cross Beam.

**DN-D1060-A****Twin And Triple Leg Reversible Pullers  
二爪/三爪综合拉马**

include: DN-D1009 and DN-D1010 The size: 3", 4", 6" and 8"  
3" 75mm  
4" 100mm  
6" 150mm  
8" 200mm

**DN-D1048****Hydraulic Gear Puller Set  
液压拉马组套**

Forged steel 2-way yoke allows twin or triple leg pulls.  
10ton Hydraulic power unit with tommy bar.  
Suitable for pulling hubs, flanges, gears and bearings.  
Supplied with 3 x 3 position puller arms and 3 sets of extension plates.  
Maximum reach 250mm.

**DN-D1066****12pcs Bearing & Gear Puller Set  
12件培林拆卸器**

Twin/triple leg puller set with reversible legs allowing internal and external pulling operations.  
Manufactured from carbon steel with a drop-forged heat treated construction for strength and durability. Supplied with two and three leg yokes. Thrust bearing prevents wear and damage to shaft. Hex head forcing screws suitable for use with a ratchet or spanner.  
Size/Spread (2 & 3 Leg): 35-130mm  
Reach: 100, 209, 259mm  
Claw Depth: 8mm  
Claw Thickness: 3mm

**DN-D1057****Master Two Jaw -Three Jaw Internal / External Puller Set  
二爪/三爪内轴承拆卸器**

This master combination puller set has all the pulling attachments for the many pulling applications on cars, trucks, farm equipment and other machinery.  
Features two and three way internal and external heads, reversible cone, forcing screw and three different sets of legs.

**DN-D1097****Multipurpose Bearing And Pulley Puller Set  
多功能轴承拉马组套**

For removal of stubborn air conditioning clutch pulleys. Also used on many alternator, generator, power steering, and crankshaft pulleys, harmonic balancers, and fiber timing gears.  
Set includes drop-forged components: one 3/4"-16 x 5" live-center forcing screw, 5-1/2" crossbar with three spread settings, two pairs of jaws, and a clamp bolt.  
Spread: 3" to 5"; Reach: 1" to 5".  
Includes blow-molded plastic case.

**DN-D1033****3-Jaw Pilot Bearing Puller  
3爪培林拆卸器**

Suits most flywheel, transmission and alternator pilot bearings and bushes  
Jaws to suit ID capacities 1/2" (12mm) to 1-1/2" (38mm)

**DN-D1029****Inner Bearing Puller  
内轴承拉马**

Four collets which fit a wide range of applications. Select the appropriate sized collet by comparing it with the application. Insert the collet, expand it to fit the hole, then attach the slide hammer assembly.  
Set includes:  
Four collet sizes: 7/16" to 1/2", 9/16" to 11/16", 5/8" to 1", 1" to 1-1/4" and 2-1/2" pound slide hammer with T-handle  
Housed in a blow-molded plastic storage case.



**DN-D1050**

**Blind Hole Bearing Puller Set**  
**内孔培林滑键组**

Comprehensive kit offering leg style and slide hammer pulling assemblies for use with expanding split colllets. Removes bearings easily where access is available in the centre of the bearing. Colllet expands and grips on the underside of the bearing  
RANGE: MIX MAX:  
8~11mm,12~17mm,  
18~23mm,24~29mm,30~34mm,34~38mm,39~43mm,44~48mm,49~53mm,53~58mm.  
Size:M10\*1.5P,M10\*1.5P,M8\*1.25P,M10\*1.5P,M6\*1.0P



**DN-D1031**

**Internal/External Gear Puller Set**  
**三爪内外轴承拉马组套**

small of internal puller 15mm-30mm.  
Large of internal puller 30-80mm.  
External puller 15-80mm.  
Locking the nut to open 3-jaws and clip on the bearing, and then use the slide hammer to pull out the bearing.



**DN-D1090**

**9pcs Blind Bearing Puller Set**  
**内孔滑键组**

Medium stroke 1.4kg slide hammer with 390mm shaft. Bearing extractor colllets with internal capacity from 9 to 34mm. Supplied in carry-case.  
Colllet Ø: 9-11, 11-13, 13-16, 16-17, 18-20, 20-25,



**DN-D1016**

**17Pcs Bearing Bushing Driver Installer Tool**  
**17件培林拆卸器**

Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.  
Content:  
13 pcs adaptor-  
10,12,14,15,16,18,19,20,22,25,26,28,30mm  
3pcs driver handle-  
115.140.160mm(L)



**DN-D1014**

**10Pcs Bearing Race And Seal Driver Set**  
**10件斜型培林拆卸器**

Quickly and easily to insert bearing race  
Collars fit most standard wheel bearing size  
Help reduce damage to both race and axle housing  
9 collar size:  
(1)1.555"/39.5mm (2)1.752"/44.5mm  
(3)1.968"/50mm (4)2.322"/59mm  
(5)2.480"/63mm (6)2.559"/65mm  
(7)2.834"/72mm (8)2.992"/76mm  
(9)3.189"/81mm



**DN-D1021**

**19pcs Fwd Wheel Bearing Tool Kit**  
**19件仰角培林拆装组**

Up-to-date kit for the installation and removal of front hub bearings without the need to dismantle the steering knuckle and strut assembly. Fast and simple to use. Suitable for most front wheel drive cars.  
Heavy-duty steel drifts with black phosphate finish for corrosion resistance.  
May be used with impact wrench.  
Supplied in carry case.



**DN-D1023**

**23Pcs Fwd Front Wheel Bearing Tool Kit**  
**23件仰角培林拆装工具**

A great tool used to replace front wheel bearings without removing the steering knuckle & strut assembly. AS the spindle assemble without removed there is no need to align front end after the job is done.  
Fit on most cars.  
Could be worked with shop press also.



**DN-D1062**

**52pcs Bearing Removal Tool Set**  
**52件铁套培林拆装组**

This master set allows you to build your own custom bushing driver.  
Select the required sizes and assemble your driver tool.  
Build to suit the required seal, bush or bearing job.  
Disc size: 19mm through to 65mm in 1mm increments and 74mm.



**DN-D1063**

**Extra Large Bearing Removal Tool**  
**特大铁套培林拆装组**

This extra large driver set allows you to build your own custom bushing driver. Select the required sizes and assemble your driver tool. Discs are connected with a shaft and screw which connects to the driver handle.  
Build to suit the required seal bush or bearing job. Discs size: 70mm through to 150mm in 5mm increments.



**DN-D1025**

**27pcs Pull And Press Sleeve Kit**  
**27件铁套拆装工具**

Universal tool kit for extracting and drawing in silent bearings, hydraulic bearing, bearing bushes, ball bearings, shaft seals, rubber bearings, etc. Fully universal application, ideal for different vehicles. Car+HGVs. Depending on requirements, the particular sleeves can also be individually reworked.  
Application also with workshop press+press frame.  
20pcs press-on sleeves.  
Inside: Φ34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72mm, 75mm, 80mm  
Outside: Φ44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82mm, 85mm, 90mm  
4pcs pulling spindle+nuts, size-M10,M12,M14,M16,M18



**DN-D1095**

**Master Press Aud Pull Sleeve Kit**  
**分体式铁套拆装工具**

Universal applications - Car - LCV  
Contains 20x Press Sleeves in 2mm diameter steps  
Inside Diameter Range: 34 - 72mm  
Outside Diameter Range: 44 - 82mm  
4x Step Plates / 4x Pulling Spindles with thrust bearings.  
Supplied in mould storage case



**DN-D1117**

**26pc Press And Pull Sleeve Kit**  
**铁套拆装工具**

Universal application of step disc fits many kinds of different vehicles Easy work to remove and install for Bearing, bush, silent bearing, hydraulic bearing, rubber bearing  
Sleeves are 3 1/2" in height  
11pcs (Gold):D44XD34, D46XD36, D54XD44,D56XD46, D58XD48, D66XD56, D68XD48, D58XD48, D66XD56, D68XD58, D70XD60, D78XD68, D80XD70, D82XD72  
9 pcs (Silver):D48XD38, D40XD30, D52XD42, D60XD50, D62XD52, D72XD62, D74XD64, D76XD66



**DN-D1024**

**24pcs Pull And Press Sleeve Kit**  
**24件铁套拆装工具**

Universal tool kit for extracting and drawing in silent bearings, hydraulic bearing, bearing bushes, ball bearings, shaft seals, rubber bearings, etc. Fully universal application, ideal for different vehicles. Car+HGVs. Depending on requirements, the particular sleeves can also be individually reworked.  
Application also with workshop press+press frame.  
20pcs press-on sleeves.  
Inside: Φ34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72mm  
Outside: Φ44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82mm  
4pcs pulling spindle+nuts, size-M10,M12,M14,M16



**DN-D1082**

**Compact Wheel Hub/Bearing Unik Kit**  
**VW,Audi 轴轴总成拆装组**

Professional fitting direct on the vehicle (removal with existing wheel hub extractor or universal sliding hammer.)  
Simple and safe handling.  
Can also be optionally used with a workshop press.  
Possible extensions for bearing unit Φ62, Φ66, Φ72mm due to the modular system.  
Suitable for Audi A2, Audi A2 1.2L, VW LUPO, VW POLO FOX, SEAT IBIZA, SKODA FABIA.



**DN-D1077**

**15pcs Wheel Bearing Replacement Tool**  
**15件轮胎轴承拆装工具**

Up to date kit for the installation and removal of front hub bearings without the need to dismantle the steering knuckle and strut assembly. Fast and simple to use. Suitable for most front wheel drive cars. Heavy-duty steel drifts with black phosphate finish for corrosion resistance. May be used with impact wrench.  
Supplied in carry case.



**DN-D1127**

**Universal Press Support Block**  
**轮毂轴承拆装支架**

Designed to be used with a standard workshop press.  
Multiple threaded drilling's in a heavy duty aluminium base plate allows the support bars to be installed in virtually any position. Allowing the bearing or bush to be positioned horizontally.  
Includes a packing block for added versatility.  
Ideal for the removal of wheel bearings and bushos.



**DN-D1113****Rear Axle Bearing Puller Set**  
**后桥轴承拉拔器**

Pullers: 1" to 1-7/8", 1-5/16 to 2-3/8", 1-3/8" to 2-7/8"  
Pulling Tools to Quickly Remove Semi-Floating Rear Axle Bearing Washer Captures the Bearing Firmly Use Slide Hammer with 5/8" - 18 UNF Thread

**DN-D1051****9-Way Slide Hammer Puller Set**  
**通用型滑锤组套**

Pulls flange-type rear axles and most front-wheel drive hubs. Internal and external jaws provide a variety of combinations to pull bearings, gears and seals. Two- and three-way cross blocks and cone provide the perfect jaw configuration for most jobs. Set also includes a grip wrench adapter and a dent puller attachment for sheet metal or other unique pulling requirements. puller type: Twin leg  
Internal capacity: 35-110mm Reach: 82mm  
External capacity: 50-140mm Reach: 75mm  
Puller Type: Triple leg  
Internal capacity: 50-135mm Reach: 82mm  
External capacity: 20-135mm reach: 75mm

**DN-D1089****13pcs Slide Hammer Body Repair Set**  
**大型钣金滑锤组**

Ideal For Auto Body Repair  
Slide Weight: 10LBS  
Slide Pole Length: 22-3/4"  
Slide Pole Diameter: 3/4"  
Attachments: 1 Handle, Washer, 5pc Hasp Iron, Long Tube Hasp Iron, Cast Iron Hammer, Right Angle Flat Steel, Hex Taping Adaptor, Hex Taping Screw Holder, Taping Screw, Connector  
Hasp Iron, Double Barreled Connector

**DN-D1081****14pcs Diesel Injector Puller Set**  
**滑锤仰角套筒组**

Suitable for the fast and safe removal of Bosch, Delphi, Denso and Siemens diesel injectors. Set includes keys and deep open profile sockets, used to dismantle injectors, plus adaptors for attaching the slide hammer securely to the body of the injector. Ball joint allows hammer to be used in confined areas. Contents: Slide Hammer, 1/2" Sq Drive Sockets: 25, 27, 29, 30mm, Tamper-Proof Key, 5 x Adaptor (Bosch, Delphi, Denso, Siemens), Ball Joint

**DN-D1118****40pc Diesel Injector Extractor Slide Hammer Set**  
**40件滑锤拉马组套**

This professional tool is a specialised sliding hammer for removal of stuck and seized common rail injectors without dismantling the cylinder head for all injection nozzle cars. The robust construction enables rapid withdrawal, even the most severely seized injector will come out with little fuss. The kit comes with adapters, 3.9kg weight, handle and injector extractors. Ideal for the professional mechanic or enthusiastic DIY'er. Made by professionals for professionals.

**DN-D1086****3pcs Diesel injector puller**  
**3件柴油喷嘴拉马**

Use to remove stubborn diesel injector. No need to remove cam cover and the use of slide hammer. For Mercedes C-class, E-class, Sprinter Vehicles and Chrysler Grand Cherokee 27crd(00-)

**DN-D1087****Hydraulic Hub Puller Set**  
**液压轮毂拆装工具**

Chromed, heat treated SAE1045 steel puller yoke with hydraulic ram. Suitable for four and five stud hubs. Hydraulic ram provides additional power to extract the most stubborn hubs. Supplied in storage case.

**DN-D1096****Two Way Hydraulic Gear Puller**  
**五爪油压轴轴拔卸器**

Capacity: 12 tons. Special safety device design to ensure worker operation.

**DN-D1105****Universal Wheel Hub Puller Set**  
**三爪轴轴拔卸器**

Readily adjustable sliding legs to pull wheel hubs more quicker & easier where the bolt circle does not exceed 7-1/2" (190.2mm) also removes press-fit rear brake drums. Striking handle & puller screw included. Special designed to use on most models of car. Provides a straight pull. Will not distort wheel lugs. Striking wrench and puller screw included.

**DN-D1142****Wheel Hub Puller**  
**液压轮毂拆卸工具**

Hydraulic Wheel Hub Puller Hydraulic Ram with 10 Ton capacity used to press the axle shaft from the hub. For 4 or 5 bolt hubs with a 96 - 125mm diameter circle. Applicable to most vehicles

**DN-D1140****40PC Wheel Hub Puller Set With Slide Hammer**  
**40件轮毂拆卸工具**

Designed for the removal of stubborn four and five stud hubs and brake drums on cars and light commercial vehicles. Used for Audi, VW, Alfa Romeo, Ford, Citroen, BMW, Mazda, Fiat, M-Benz, Seat, Opel, Peugeot, Renault, Skoda, Porsche. Includes 4.3kg slide hammer, manual for screw and two sizes of stud.

**DN-D1141****18PC Wheel Hub Puller Set with slide hammer**  
**18件轮毂拆卸工具**

Designed for the removal of stubborn four and five stud hubs and brake drums on cars and light commercial vehicles. Used for Audi, VW, Alfa Romeo, Ford, Citroen, BMW, Mazda, Fiat, M-Benz, Seat, Opel, Peugeot, Renault, Skoda, Porsche. Includes 4.3kg slide hammer, manual for screw and two sizes of stud.

**DN-D1128****Hydraulic Wheel Hub Puller with Hammer Set 10 Ton**  
**轮毂拆卸工具**

Included 3 pullers/hammers; hydraulic spindle, screw, impact hammer. It is suitable for almost all 3, 4, 5 and 6 holed hubs. Used to press the axle shaft from the hub. For four or five bolt hubs with the centerline of the bolts mounted in a 4.57"-5.31" diameter circle. Hydraulic spindle with 10 ton capacity. Suitable for GM, VAG, Peugeot, Citroen, Renault, Ford and Volvo etc. Highest quality design for long life in daily workshop use.

**DN-D1112****Wheel Hub Pullers**  
**手动轮毂拆卸工具**

For cars and goods vehicles with wheel stud circles up to 250 mm. Simple use. Just place the plate with the spindle on the centre marking of the axle and fold back the hooks onto the plate. With swivelling nut holders always lying flat on the hub to prevent wheel stud damage.

**DN-D1112-A****Wheel Hub Pullers**  
**手动/液压轮毂拆卸工具**

For wheel stud circles up to 250 mm. With wheel stud protection using rotating nut apertures that always lie flat to the hub for a 22 mm and suitable reduction bushing ø 14 and 18 mm. Easy to use. Upgradeable with hydraulic.

**DN-D1083****Wheel Hub Bearing Tool For Vw 85mm**  
**轮毂拆卸工具**

Compact Wheel Bearing Set for Audi / VW. For removing and installing the compact wheel bearing / combined wheel hub and bearing unit on VW Polo Fox etc. High strength spindle and components suitable for direct use on vehicle while in-situ.

**DN-D1094****Wheel Hub Bearing Tool For Vw 82mm**  
**轮毂拆卸工具**

For GEN2 wheel bearings on Ford | Land Rover | Volvo vehicles

**DN-D1093****Wheel Hub Bearing Tool For Vw 78mm**  
**轮毂拆卸工具**

Front Wheel Hub Bearing Unit Tool - 78mm on Ford | Mazda | Volvo. With Pressure plate and bolts. Disassembly shells and pressure piece. Mounting shells and pressure piece. High strength ball bearing spindle.



**DN-D1092****Wheel Hub Bearing Tool For 72mm Vag  
轮毂拆卸工具**

VAG Compact Wheel Bearing Set  
For removing and installing the compact wheel bearing combined hub and bearing unit on VW vehicles with high strength spindle and components

**DN-D1130****VAG Wheel Hub Bearing Tool 66mm  
轮毂拆卸工具**

VAG Wheel Hub Bearing Unit Tool - 66mm  
For removing and installing the compact wheel bearing combined wheel hub and bearing unit on VAG vehicles. High strength ball bearing fitted spindle.  
Applicable to VAG vehicles

**DN-D1084****Wheel Hub Bearing Tool For Vw 62mm  
轮毂拆卸工具**

VAG Wheel Hub Bearing Tool Set - 62mm  
For combined wheel hub and bearing units.  
Suitable for direct use on vehicle while in-situ.  
Mounting shells and Dismantling shells  
Mounting and Dismantling plates  
Pressure plate with 8 holes

**DN-D1120****Wheel Bearing Tool For Audi  
奥迪轮毂轴承拆卸器**

safely quickly and professionally replace and remove wheel bearings  
a3 8l, audi a4 b5, a4 quattro b6, rear axle, a6 4a, ab, a8 4d, 4e, tt 8n 8j  
VW polo 6n, golf 2,3,5, passat sharan t4.

**DN-D1121****Wheel Bearing Tool For Renault/Citroen  
雷诺/雪铁龙轮毂轴承拆卸器**

Useful for secure, fast removal and replacement of wheel bearings directly on the vehicle.  
Housings are designed to offer perfect support on swivels and suitable suspension bushings for extraction and correct installation of bearings.  
Removal of support leg of shock absorber, removal of control arm and camber control is not needed anymore (time saving of approx. one hour).  
Extraction clutches have notches that avoid removal of ABS sensors.

**DN-D1122****Wheel Bearing Tool For Benz  
宾士轮毂轴承拆卸器**

Useful for secure, fast removal and replacement of wheel bearings directly on the vehicles.  
Housings are designed to offer perfect support on swivels and suitable suspension bushings for extraction and correct installation of bearings.  
Removal of support leg of shock absorber, removal of control arm and camber control is not needed anymore.  
Gain in time is around 1 hour.  
Extraction housings have notches which avoid removal of ABS sensors.

**DN-D1040****Front Control Arm Bush Removal/Installation Tool - BMW Mini  
控制臂拆装工具**

Suitable for removal/installation of the front control arm suspension bush on BMW Mini.  
Applications: BMW Mini; One, Cooper, Cooper S(01cn)R50/R53 Chassis W10/W11/W17

**DN-D1123****Silent Block Tool For BMW  
宝马轴套拆装工具**

for renewing rubber suspension bushings suitable for BMW models:  
1 Series: E81, E87  
3 Series: E36, E46, E83, E90, E91, E92, E93  
5 Series: E60, E61  
6 Series: E63, E64  
7 Series: E38, E65, E66, E67  
8 Series: E31  
Z4 Series: E85, E86  
MINI COOPER S: R53

**DN-D1124****Silent Bearing Tool For VAG  
VAG轴承拆卸工具**

enables the exchange of silentbloc from wishbone, trailing arm, wheel bearing housing, lower wishbone, inside, when installed as well as the replacement of the tie rod and the upper control arm when removed includes various printed documents spindle and sleeves suitable for example for Silent bearings on the rear axle VW Golf 5 Plus Variant 4Motion Year 2005 to 2012, Jetta Synro Year 2006 to 2012, Scirocco Year 2009 to 2012, Beetle built starting in 2012, Eos Year 2006 to 2012, Seat Altea Year 2004 until 2012, Leon Year 2006 to 2012, Toledo Year 2005 to 2009, Audi A3, S3 Year 2004 to 2012, TT, TTS Coupe, Roadster Year 2007 to 2012 with mechanical drive by enclosed spindle

**DN-D1125****Rear Axle Bush Tools For VAG  
VAG后轴橡胶轴套拆装工具**

for renewing the plastic and rubber bushes on rear axle when installed suitable for VAG models:  
Audi A3, S3 (2004-2012)  
Audi TT, TTS Coupe / Roadster (2007-2012)  
Seat Altea (2004-2012)  
Seat Leon (2006-2012)  
Seat Toledo (2005-2009)  
VW Golf 5 Plus, Variant, 4-Motion (2005-2012)  
VW Jetta, Syncro (2006-2012)  
VW Scirocco (2009-2012)  
VW Beetle (2012- )  
VW EOS (2006-2012)

**DN-D1126****Rear Axle Silent Block Tools For VW T5  
大众T5轴套拆装工具**

for renewing the rear axle silent block bushings when installed contains centring plate with spring, 2 thrust washer, adaptor ring, spindle with nuts M14 x 2

**DN-D1041****Front Suspension Bush Tool - VAG  
前悬架拆装工具**

Suitable for the removal / installation of the rear mounting bush on the front lower wishbone. Can be used in situ without removing the aluminium housing.  
Use with 24mm spanner only.  
Applications: Seat; Cordoba III (03on), Skoda; Fabia (00on), VW; Polo IV (02on)

**DN-D1079****Rear Bushing Installation Tool-vag  
VW,AUDI后轮衬套拆装工具**

Rear Bush Installation Tool - VAG  
Suitable for the in situ installation of the rear axle mounting bushes on selected VW and Audi vehicles.  
Use with ratchet wrench or spanner to insert composite bushes.  
Applications: Audi; A3, VW; Bora, Golf IV

**DN-D1049****VW Bush Tool (polo)  
VW 三脚架铁套拆器**

Removal and replacement of the silent bloc placed in dir bracket is easily and safely carried out directly on the vehicle by using the extractor.

**DN-D1026****Battery Terminal & Wiper Arm Puller  
雨刮器拔卸器**

Heavy-duty construction with locking feature allowing the tool to be fastened securely to the wiper arm before commencing pull.  
Combination of swivel mounted thrust bearing and tommy bar on thrust bolt allow even the most stubborn wiper arms to be lifted off their drives. Suitable also for battery terminal and alternator bearing removal.  
Maximum Opening: 28mm  
Maximum Collar Size: 43mm.

**DN-D1099****Thin Type Two Jaws Bearing Remover  
齿轮盘拆卸器**

Removes objects (bearing, etc) in narrow place. Thin type 2 jaw gear puller (range: 40 - 90mm) that can be used for many application. Removes objects (bearing, etc) in narrow place.

**DN-B1011****Universal Ball Joint Separator  
欧式球头取出器**

Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension. Tempered drop forged steel body and offset lever provide an excellent performance and long usage. Offset lever permits maximum fork opening in 56mm. Fork opening: 22mm.

**DN-B1012****Ball Joint Separator  
日式球头取出器**

It works on most cars and light trucks. Heat treated drop forged steel body & bolt for long rough usage. Spread ball joints easily from the spindle support arm. Fork opening: 19mm.



**DN-D1064**

**Ball Joint Separator**  
本田球头拆卸器

For splitting track-rod ends,anti-roll bar mountings,ball joints,etc.  
Opening:17mm.



**DN-D1065**

**Ball Joint Separator**  
球头拆卸器

For splitting track-rod ends,anti-roll bar mountings,ball joints,etc.  
opening:17mm



**DN-D1046**

**Ball Joint Separator**  
球头拆卸器

Manufactured from hardened steel with tough durable epoxy coating. The lever can be set to one of its four positions simply by releasing the pivoting pin. The tapered slim fork allows easy access. Suitable for use on most car and light commercial ball joints.Throat depth:36mm.



**DN-D1073**

**Universal Ball Joint Separator**  
可调式球头拆卸器

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



Item No	A	B
DN-D1073	20mm	62mm
DN-D1074	17mm	58mm

**DN-B1068**

**2pc Ball Joint Separator**  
2PC球头取出器

Ball Joint Extractor For Splitting track-rod ends, anti-roll bar mountings,ball joints,etc. max opening 18mm ~ 58mm



Ball Joint Separator Fits most cars, simply insert tool between spindle arm and tie rod,turn thrust bolt with 3/4"(19mm)socket or spinner to spread tie rod easily.

**DN-B1069**

**Ball Joint Separator**  
窄型球头拆卸器

Fits many domestic and imported front wheel drive vehicles. Removable pin fits into two pivot points for versatility. The mini operation space: 6-7mm. With safety ropes to avoid drop while operating.



Item No	Opening
DN-B1069	19mm
DN-B1070	28mm

**DN-B1037**

**Pitman Arm Puller**  
小龙门架球头拆卸器



**DN-B1038**

**Pitman Arm Puller**  
大龙门架球头拆卸器



This puller will handle nearly any Pitman arm job on passenger cars and light trucks. It features special forged jaws shaped to fit the job, ensuring a positive grip every time.

Item No	A	B
DN-B1037	27mm	45mm
DN-B1038	33mm	64mm

**DN-D1109**

**Ball Joint Extractor 25mm**  
卡车球头拆卸器

Special designed to remove the truck ball joint Suitable for light trucks and SUV  
Jaw opening: 25 mm



**DN-B1049**

**Ball Joint Separator**  
立式球头

Forged steel body with steel thrust bolt. Suitable for most cars and light vans. Jaw Capacity: 19mm



**DN-B1046**

**7" Outer Tie Rod Puller**  
两爪活动球头 (大)

This tool is a must when you're servicing outer tie rods and ball joints. It works on imported and domestic models, front or rear wheel drive, cast or stamped-steel steering knuckles. Handles up to 5 tons of force. Jaws spread to 3" and has a 4" reach. Jaws, once tightened, won't slip on the knuckle.



**DN-B1029**

**Multi-Purpose Inner Tie Rod Tool**  
方向机拉杆手 (中)



**DN-B1030**

**Multi-Purpose Inner Tie Rod Tool**  
方向机拉杆手 (小)



This tool allows quick and easy replacement of the inner track rod joint. Removal of the steering gear is not necessary.

Item No	Size
DN-B1029	Φ33~42mm
DN-B1030	Φ27~42mm
DN-B1071	Φ42~50mm

**DN-B1032**

**5pcs Ball Joint Separator Set**  
5件球头组套

Kit includes five popular tools used for servicing pitman arms, ball joints, and tie rods on most vehicles.  
Set includes:  
DN-B1038 – Pitman arm puller.  
DN-B1049 – Tie rod end remover.  
DN-B104 – Outer tie rod remover.  
DN-B1037 – Tie rod end puller.  
DN-B1011 – Ball joint separator.



**DN-D1088**

**Hydraulic Ball Joint Splitter**  
小型液压欧式球头

Suitable for light commercial vehicles. Specially designed to be operated manually or by 1.5 tonne hydraulic ram supplied. Features a step down thread adaptor that allows fitting of the manual thrust screw. Opening:22mm



**DN-D1011**

**5Pcs Ball Joint Separator**  
5件叉式球头拆卸器

Use to separate ball joints, tie rods, and Pitman arms.  
Set contains two handles:  
Knurled handle allows use of a hammer: Smooth handle fits in a pneumatic hammer. Three sizes of pickle forks included: 1-1/8", 15/16", and 11/16".  
Set contains:  
DN-D1011-1 Fork heads (set of three: 11/16", 15/16", and 1-1/8"). DN-D1011-2 Handles (set of two: knurled handle for use with a hammer; smooth handle for use with an air hammer).



**DN-B1036**

**3pcs Ball Joint Removal Tool**  
3件球头拆卸器

Low profile with three sizes of jaw, allows use on most modern cars and light commercial vehicles. Features heavy-duty forged steel body and hardened screw with thrust ball. Supplied in carry-case. Suitable for Audi, BMW, Ford, Chrysler, Opel, SAAB, Volvo, VW, NISSAN, TOYOTA.  
Fork opening: A: 23mm, B:55mm  
A: 28mm, B:55mm  
A: 34mm, B:63mm



**DN-B1041**

**4wd Ball Joint Remover Kit(4 In 1)**  
10件球头连接拆装组 (4合1)

This starter kit is the backbone to ball joint, U-joint, anchor pins, and many other general pressing operations. Kit includes 5 adapters and C-Frame provided in a case.



**DN-B1042**

**4WD Ball Joint Remover Kit(3 In 1)**  
球头连接拆装组 (3合1)

This starter kit is the backbone to ball joint, U-joint, anchor pins, and many other general pressing operations. Kit includes 3 adapters and C-Frame provided in a case.



**DN-B1060**

**Master Ball Joint Super Set**  
21件球头拆卸器

Master ball joint super set allows for the removal and installation of press-fit ball joints on many GM and Ford light-duty trucks, vans and SUVs through 2003; Dodge light trucks through 1998; Dodge vans, Durango and Dakota through 2003; and Honda Accord, Civic, del Sol, and Prelude through 2001. The C-frame tool can be used alone to remove and universal joints. Comes complete with an application cross reference and instructions in a blow-molded case.





**DN-B1031****Ball Joint Separator Set**  
**3件球头撬杆**

Features three popular "pickle forks" in a blow-molded case. Used to remove shock linkage, tie rods, and ball joints. Also for general service on many cars and light trucks.

Includes:  
DN-B1031-1 - Size 300mm\*22mm Fork Spread.  
DN-B1031-2 - Size 300mm\*27mm Fork Spread.  
DN-B1031-3 - Size 400mm\*16.5mm Fork Spread.

**DN-D1032****Large Ball Joint Separator**  
**大型球头拔套**

Large ball joint separator is designed for use on all cars and light trucks that have press-fit type ball joints.

For extracting work pieces without bore. Valuable accessory for common press and pull sleeve sets.

Open c-shaped construction allows more flexible operation directly on vehicle compared to conventional press frames.

Magnetic holders on thrust plates for convenient working. With impact quality M18 vibration spindle; The momentum produced by impact wrench acts like hammer strokes on the work piece, thus causing tight connections to break open can be converted for use with hydraulic spindle (un1.1/2"x16 thread), 9" opening.

**DN-D1061****Hydraulic Ball Joint Separator**  
**液压重型球头组**

Heavy-duty ball joint splitter suitable for HGV vehicles. Specially designed to be operated manually or by 10 tonne hydraulic ram supplied. Features a step down thread adaptor that allows fitting of the manual thrust screw or hydraulic ram.

Jaw Capacity: 35mm  
Jaw Opening Capacity: 100mm

**DN-B1061****Ball Joint Tool Adapter Set**  
**14件球头取出器**

This adapter set includes receiver tubes and adapters for most GM, Ford, Dodge two-wheel drive, four-wheel drive pick-ups, vans and SUVs for ball joint replacement and ball joint repair. Constructed of forged carbon steel and a black oxide finish for toughness and durability, this ball joint set is designed to handle worksite abuse. The ball joint adaptor set comes in a sturdy storage case for organization and transport. Includes receiver tubes and adapters. Forged, heat treated and machined carbon steel. Black oxide finish.

**DN-B1063****Ball Joint Remover For Mercedes Benz**  
**奔驰球头取出器**

Ball Joint Installer and Remover Set - Mercedes-Benz. This tool removes and installs the lower ball joints whilst insitu without removing parts, used for Mercedes-Benz (W220/W211/W230).

**DN-D1075****Quick-Change Ball joint Remover**  
**可拆装球头拆卸器组套**

Innovative quick change and simple action for suitable fork. Enable operator to select correct jaw size without taking entire extractor to the vehicle. Adjustable opening angle.

Fork opening:  
20,22,24,27,30mm  
Thrust screw:  
100mm(L)  
Pivot rod: 125mm(L)

**DN-D1006****15pcs Harmonic Balancer And Puller Tool**  
**15件方向盘拉拔器**

Versatile puller capable of removing a wide variety of components having tapped pulling holes such as gears, pulleys, etc.

Includes: yoke 5/8-18" 127mm, thrust bolt, centring Adaptors: Small, Large, Flat, Bolts; 1PC 5/8-18; 2pcs 3/8-16; 3pcs 3/8-24; 2pcs M8\*1.25"; 3pcs 5/16-18; 1PC flat head; 1PC Pointed head

**DN-D1007****13pcs Harmonic Balance And Puller Tool**  
**13件方向盘/齿轮拉拔器**

Versatile puller capable of removing a wide variety of components having tapped pulling holes such as gears, pulleys, etc. includes: Yoke 5/8-18" 127mm, Thrust Bolt, Centring Adaptors;

Small, Large, Flat, Bolts;  
1PC 5/8-18;  
2PCS 3/8-16;  
3PCS 3/8-24;  
2PCS M8\*1.25";  
3PCS 5/16-18;  
1PC Pointed head

**DN-D1008****46pcs Harmonic Balancer And Puller Tool**  
**46件方向盘/齿轮拉拔器**

Versatile puller capable of removing a wide variety of components having tapped pulling holes such as gears, pulleys, etc. includes: Yoke, 130mm Thrust Bolt, Centring Adaptors; Small, Large, Flat, Bolts;

2PC 1/4"28\*2-12";  
2PC 5/16"18\*3-1/2";  
2PC 5/16"18\*5-1/2";  
3PC 3/8"16\*2";  
2PC 3/8"16\*3";  
5PC 3/8"16\*4-1/2";  
3PC 3/8"24\*1-1/2";  
3PC M8\*1-25\*45mm;  
2PC M8\*1.25\*65mm;  
3PC M8\*1.25\*90mm;  
3PC M10\*1.5\*35mm.

**DN-A1126****Harmonic Damper Pulley Puller Set**  
**皮带盘拆卸器**

Designed to remove and install the harmonic balancer on the most popular Chrysler, Hyundai, and Mazda engines. Includes 3-Jaw Puller for harmonic balancer jobs. Blow mold case included.

**DN-D1078****8pcs Steering Wheel Puller Set**  
**8件方向盘拆装工具**

Two-leg puller, with two pairs of legs and two thrust caps. For use on GM (Vauxhall/Opel) and Ford vehicles. long puller arm length: 135mm  
Short puller arm length: 87mm

**DN-A1125****Changeable Two Jaws Pully Remover**  
**两爪更换型皮带盘拆卸器**

Suitable for using when the space limited.

To change the parts easily for fitting the different cars.

Jaw length: 72/95MM.  
Jaw depth: 18mm, with: 4.4mm

**DN-A1138****Chrysler Harmonic Puller**  
**三爪正时皮带拆卸器(克莱斯勒)**

This tool eases the removal of the harmonic damper pulleys found on many Chrysler, Ford, GM, Hyundai, Mazda and Mitsubishi engines

Eliminates the need of a technician to go through the time consuming process of first removing the radiator before being able to remove the pulley

Low profile puller

Time saving tool provides increased productivity

Entire puller set comes packed in a handy blow molded case for ease of storage

**DN-D1108****Steering Wheel Remover Puller For G.M.**  
**方向盘拆卸器**

Used to pull the steering wheel from the column on 97 and later G.M. vehicles. These legs are designed to fit in a double "D" shaped opening in the wheel.

**DN-A1094****12 pcs Pulley Puller and Installer Set**  
**12件滑轮拔轮器**

This set is perfect for mechanics both at home and in the professional auto shop to assist in pulley removal in a vehicle's pressed-on alternator and power steering mechanism. Features include reversible split jaws to get easy access to the pump pulley flange. This set is a great aid in pulley removal on domestic cars and light-duty trucks!

Comes complete with adaptors for the GM 3.1 L and Quad 4 motor's unique style pulleys, as well as Ford's 4.6L metric requirements. Has reversible split jaws for easy access to pulley flange. Works with most domestic cars and light-duty trucks, and some heavy duty trucks with belt driven pulleys.

**DN-A1101****Crankshaft Balance Pulley Installer Kit**  
**曲轴皮带盘拉马**

A professional tool set for balancer replacement. Built-in bearing makes balancer replacing job easy and damage-free. 4-slot puller plate plus 9 threaded adapters fit to balancers on most engines.

This universal kit will take care of most balancers with threaded removal holes. Not only does it remove balancers it also installs them, using the included threaded crank shaft adaptors.

Why risk damaging your balancer or crank key way by hammering it on? Kit also includes special 1/4 shoulder bolts and 2 inch extension for removing balancers on 3.8L and 3.3L Holden V6 engines.

The main plate is fitted with a thrust bearing for reduced friction and easier operation. Includes five sets of three fixing bolts: 2x1/4"UNF, 5/16"UNC, 3/8"UNC, 3/8"UNF. Includes installing adaptor sizes: 7/16", 1/2", 9/16", 5/8" & 3/4"UNF 12x1.5mm, 14x1.5mm & 16x2.0mm.



### DN-D1106 Motorcycle Cam Chain Breaker And Riveting Tool 摩托车链条拆卸器

Suitable for Motorcycle / Bike / ATV Chains. Manufactured from steel for strength and durability when using this application.

Suitable for chain breaking / breaker / Link removal Tool. Replaceable pin is heat treated for resistance and wear resistance.

Suitable for chain sizes:420 / 428 / 520 / 525 / 530



### DN-D1085 Motorcycle Chain Breaker&riveter 摩托车链条拆卸器

Breaks and rejoins most types of chain quickly and easily. Suitable for most sizes of drive or pins, dies and detailed instructions.

Contents: Pins: 2, 2.2, 2.9, 3.8mm, Pin Guide: 2.2 Upper, 2.2mm Lower, Riveter Pin, Anvil: 3.6mm, Spring, Press Plate, Lever, Handle, Chain Press.



### DN-D1107 Motorcycle Cam Chain Breaker And Riveting Tool 摩托车链条拆卸

Comprehensive tool set for shortening and lengthening chains by removing or replacing the links.

For shortening or lengthening chains by removing or replacing the links.

Set includes tools for riveting links in place plus plate holder for connecting links accurately

Works on chain sizes 520 - 530, 420, 428. Recommended for light to medium duty use.

Set includes:- Pin holder with 27mm fixed shaft | 19mm pin head, U holder with X/Y positional fixings, plate holder, 3 | 4 | 5mm pins and anvils.

Presented in a blow mould case.



### DN-B1005 Coil Spring Compressor 弹簧压缩器

Designed for using in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety.



Item No	Length	Driver
DN-B1005	355mm	1/2 SQ OR 21MM
DN-B1005-A	410mm	1/2 SQ OR 21MM
DN-B1006	255mm	1/2 SQ OR 21MM
DN-B1006-A	270mm	1/2 SQ OR 21MM

### DN-B1008 Coil Spring Compressor 新款弹簧压缩器

Contains 2 spring compressors and 4 security hooks. Features double ended jaws with attachable security hooks for added safety and control. Operating capacity: 300mm. Overall length: 300mm. Suitable for passenger vehicles and light commercials. Driver: 24mm.



### DN-B1021 Coil Spring Compressor 弹簧压缩器

Designed for using in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety.

Driver: 1/2 SQ OR 21mm  
Length: 280mm



### DN-B1025 Strut Coil Spring Compressor 爪式弹簧压缩器

Hook engage spring which can be compressed by turning hex nut. Jaws capacity: 23-280mm  
Length: 280mm



### DN-B1026 Coil Spring Compressor 单个弹簧压缩器

Heavy-duty Chrome Vanadium construction. Long-reach arms compress a higher proportion of the coil spring. Allows even and safe compression of spring prior to installation.

Drive: 21mm Hex  
Maximum Jaw Opening: 310mm



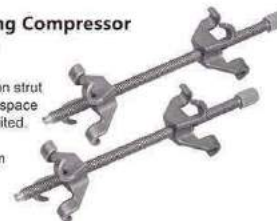
### DN-B1033 4Arms Coil Spring Compressor 双向四爪弹簧压缩器

used in limited space under wheel arch and wrap coil claws for safety  
L=290mm



### DN-B1033-A 4Arms Coil Spring Compressor 单向四爪弹簧压缩器

Designed for work on Regular on macpherson strut assemblies use where space under wheel arch is limited. L=390mm  
Driver: 1/2 sq or 21mm



### DN-B1047 Coil Spring Compressor 通用型弹簧压缩器

Suitable for small to medium sized vehicles. Two sliding hooks on carrier rail prevent slipping 24 mm spindle drive. Load capacity: 15,000 n (1,500 kg) Not suitable for impact wrenches Vpa / gs approved. Length: 300mm

Item No	Picture No
DN-B1047	A
DN-B1057	B



### DN-B1055 3pcs Coil Spring Compressor 3件弹簧压缩器

Designed for using in limited space under wheel arch.

Jaws design is fitting to wrap coil claws for safety. Length: 310mm  
driver: 24mm



### DN-B1052 MacPherson Strut Spring Hook Compressor 四方弹簧压缩器

MacPherson Strut Spring Hook Compressor. These devices quickly and easily compress most sizes of MacPherson strut springs. Setup is fast and simple. Compression is achieved by alternating from one assembly to another. Each device has a heat-treated alloy thrust screw (5/8"-11 x 12") with forged hooks.



### DN-B1028 Coil Spring Compressor For Mercedes 奔驰专用弹簧压缩器

Telescopic compressor for shock absorber springs. Suitable for removing and installing helicoil springs within multi-link, independent arm suspension systems-both front and rear. Supplied with two pairs of interchangeable caps provided with a three-hook safety system. Ø70/130 suitable for Mercedes-Benz (124,202,210), SAAB, Ford, Skoda Ø90/150 suitable for Mercedes-Benz (126,140)100/200, OPEL, GM, LADA, PEUGEOT 405/605 ROVER, HYUNDAI, SAAB, VOLVO, VW, FIAT, MAZDA, TOYOTA, NISSAN, MITSUBISHI, Ford.



### DN-B1027 Mecpherson Spring Compressor 金车系弹簧压缩器

Designed for work on Regular on macpherson strut assemblies use where space under wheel arch is limited.

Safety precaution: do not use the impact driver.

Use range: 80-115mm  
Use range: 110-150mm  
Use range: 140-195mm



### DN-B1064 Heavy Duty Strut Spring Compressor 强力型弹簧压缩器

High capacity of max. Load: 26000Nm. Max. working stroke: 317mm. Suitable to work with air impact. Includes 3 pairs of c jaws for a wide of vehicle applications. Safety design of free turning since unacceptable overload. 3 pairs of yellow covers help protect lacquered springs surface from damage.



### DN-B1067 Universal Spring Compressor 弹簧压缩器

Universal-Spring-Compressor with safety guard to remove coil springs quickly and safe

Instructions for use: Hook the spring tensions into position on opposite side of the spring to cover as many turns as possible.

Using a spanner or impact wrench, tighten the 19 mm spindle driver heads alternately.

Install the new coil spring.

Using the drive heads alternately, release the tension on the spring evenly.

1200Kg Maximum capacity per pair.



### DN-B1076 Brake Caliper Rewind Tool Kit - Adjustable 刹车分泵调整组

For rewinding the brake piston back into the caliper.

Adjustable adaptor fits most of vehicles Innovative left and right screw thread that increases the number of vehicles Pins will take up to 50Nm torque, Replacement pins



**DN-B1014-C****12pcs Brake Caliper Wind Back Tool  
12件刹车分泵调整组**

Alloy steel, hardened & phosphate zinc finished contents;  
1-Rotating caliper(right hand helix bolt)  
1-Disc brake pad,Suitable models;Mercedes benz,BMW,OPEL, FORD,NISSAN(CEFIRO),TOYOTA,GM.

**DN-B1014****13pcs Brake Caliper Wind Back Tool  
13件刹车分泵调整组**

13 pcs basic set for setting back brake pistons  
- right threaded wind back tool  
- suitable for many car models  
- includes list of matching car models  
Services: Mercedes, BMW, VW, GM, Audi, Ford, Honda, Subaru, Mazda, Nissan, Mitsubishi, Toyota, Renault & Opel

**DN-B1039****15pcs Brake Caliper Wind Back Tool  
15件刹车分泵调整组**

This tool set is used to install new brake pads by winding the piston back into the caliper through the convenient T-bar rotation. Piston retraction is smoothly completed without damaging the piston or boot. Its 13 adaptors can be used on both 2 and 4 wheel

**DN-B1009****18pcs Brake Caliper Wind Back Tool  
18件刹车分泵调整组**

Includes left- and right-handed thrust bolt assemblies.  
Applications: Alfa Romeo, Audi, BMW, Citroen, Fiat, Ford, GM, Honda, Jaguar, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Subaru, Toyota, Vauxhall, Volkswagen, Volvo.

**DN-B1013****21pcs Brake Caliper Wind Back Tool  
21件刹车分泵调整组**

21 Piece set with 17 interchangeable heads that offer a large coverage of disc brake calipers fitted to today's modern vehicles.  
Kit includes both left and right hand piston retracting forcing screws.  
For use on the following vehicles:  
Mercedes, BMW, VW, GM, Audi, Ford, Honda, Subaru, Mazda, Nissan, Mitsubishi, Toyota, Rover, 4WD, etc.  
Universal applications.

**DN-B1015****35pcs Brake Caliper Wind Back Tool  
35件刹车分泵调整组**

For rotating pistons back into caliper to provide clearance for new pads  
Prevents damage to the piston and boot  
Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi

**DN-B1016****35pcs Brake Caliper Wind Back Tool  
35件刹车分泵调整组**

For rotating pistons back into caliper to provide clearance for new pads  
Prevents damage to the piston and boot  
Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi

**DN-B1040****37pcs Brake Caliper Wind Back Tool  
37件刹车分泵调整组**

For rotating pistons back into caliper to provide clearance for new pads  
Prevents damage to the piston and boot  
Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi

**DN-B1072****40pc Piston Caliper Tool Kit  
40件刹车分泵调整组**

comprehensive kit designed to allow quick and efficient brake servicing for most vehicles. The kit is supplied with left handed and right handed winders for returning the brake piston into the caliper and providing clearance for new brake pads. The kit includes pin punches, brake keys, pentagon bit and sockets

**DN-B1073****21pc Air Brake Piston Caliper Tools  
21件气动刹车分泵调整组**

Winds back brake caliper pistons to replace brake pads  
Fits most European & Japanese cars  
Magnetic pads hold adaptors in place  
Tool for both left & right handed threaded pistons  
Set includes 20 popular adaptors

**DN-B1074****18pc Air Brake Piston Caliper Tools  
18件气动刹车分泵调整组**

Winds back brake caliper pistons to replace brake pads  
Fits most European & Japanese cars  
Magnetic pads hold adaptors in place  
Tool for both left & right handed threaded pistons  
Set includes 17 popular adaptors

**DN-B1075****16pc Air Brake Piston Caliper Tools  
16件气动刹车分泵调整组**

Winds back brake caliper pistons to replace brake pads  
Fits most European & Japanese cars  
Magnetic pads hold adaptors in place  
Tool for both left & right handed threaded pistons  
Set includes 15 popular adaptors

**DN-B1010****12pcs Brake Caliper Wind Back Tool  
12件刹车分泵调整组**

12 Piece Set With 10 Interchangeable Heads That Offer A Large Coverage Of Disc Brake Calipers Fitted To Today's Modern Vehicles. Kit Includes Both Left And Right Hand Piston Retracting Forcing Screws. For Use On The Following Vehicles:  
Mercedes, Bmw, Vw, Gm, Audi, Ford, Honda, Subaru, Mazda, Nissan, Mitsubishi, Toyota, Rover, 4wd, Etc.  
Universal Applications.

**DN-B1078****27pc Disc Brake Caliper Tool Kit  
27件刹车分泵调整组**

Most comprehensive disc brake caliper wind back kit with 22 interchangeable heads. Some heads are double sided and both left and right hand piston retracting tools are included. Universal applications For use on: Mercedes, BMW, VW, GM, Audi, Ford, Honda, Subaru, Mazda, Nissan, Mitsubishi, Toyota, Rover, 4WD, Renault, Astra, Volvo, Alfa Romeo, Jaguar, Opel, Fiat, Peugeot, etc.

**DN-B1080****13pc Disc Brake Caliper Tool Set  
13件刹车分泵调整组 (新款)**

For Rotating Pistons Back into the Caliper and to Provide Clearance for New Pads  
Durable and Easy Use for Professionals and Serious DIY Users  
Application for Most of Both Imported and Domestic Major Cars  
Helps Prevent damage to the piston and boot

**DN-A1159****15pc Brake Maintenance and Assembly Tool Set  
15件刹车维修工具组套**

all purpose set for drum and disc brake systems  
- includes following tools:  
- brake spring pliers with movable claw for removing and installing of brake shoe springs  
- brake spring pliers for installing and removing the brake shoe recuperating spring on riveted brake linings  
- brake caliper brush for removal of brake dust and dirt from the brake caliper  
- brass brake caliper brush for cleaning aluminium brake calipers  
soft brass bristles facilitate damage-free cleaning  
- special tool for brakes for installing and removing spring plates and the holding device of brake linings on drum brakes, e.g. on VW, Seat, Skoda, Opel and Renault with rear drum brakes  
- brake caliper file, extra slim style (width 10 mm), especially appropriate for Japanese vehicles, for removal of brake dust, rust and dirt from the brake caliper  
- brake line flare nut wrench for screwed connections on brake lines at the front and rear axle, Straight slot with 10x11 8-point  
- assembly tool for installing and removing the draw spring of hand brake shoes, e.g. on MERCEDES-BENZ passenger cars with rear disc brakes as well as on VW LT since 1997  
- brake spring installer for pressure spring of the parking brake  
- brake cable pliers for removing and replacing the hand brake cable, the pliers compress the return springs so far that the cable may be easily removed and replaced.



**DN-B1017**

**Brake Piston Wind Back Tool**  
筒式刹车风泵

Double end tool. Enables retraction of the piston on rear brake callipers allowing new brake pads to be installed.  
Pin Diameter: 6mm  
Distance Between Pin Centres: 22, 33mm



**DN-B1018**

**Brake Piston Spreader Tool**  
鸭掌式刹车分泵

ensures parallel piston retraction avoiding damage to the piston seals. For use on opposed fixed and single piston sliding calipers. Maximum Spread: 90mm



**DN-B1019**

**Brake Piston Spreader**  
碟式刹车分泵

Chemically blackened steel spreader plates. An essential tool for retracting the brake piston to allow insertion of new brake pads. Suitable for most ATE, Bendix, Delco and Girling calipers. Maximum Spread: 70mm



**DN-B1034**

**Disc Brake Piston Spreader**  
碟式刹车分泵

This disc brake piston spreader has been designed for quad pistons fitted to BMW, Mercedes-Benz and other vehicles. Maximum working range 88mm  
•Suitable for use on quad pistons.  
•Applications include Mercedes-Benz & BMW etc.  
•Maximum working range 88mm.  
•Manufactured from selected steel.  
•Time saver.



**DN-A1004**

**2Ways Oil Filter Wrench**  
扁脚机油滤清器扳手



Satin chrome finish steel construction with 3/8" & 1/2"Sq drive. Also suitable for use with a 21mm(13/16") spanner.  
Claws grip filter tighter as more torque is applied.

Item No	Size	Driver
DN-A1004	Ø63-103mm	3/8" & 1/2"Sq
DN-A1006	Ø65-110mm	3/8" & 1/2"Sq

**DN-A1006**

**2Ways Oil Filter Wrench**  
圆脚三爪滤清器扳手



**DN-A1005**

**Chain Oil Filter Wrench**  
链式机油滤扳手

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps.  
handle 6", chain length: 18"



**DN-A1114**

**3-Jaw Oil Filter Wrench**  
三脚滤清器扳手



Satin chrome finish steel construction with 3/8" & 1/2"Sq drive. Also suitable for use with a 21mm(13/16") spanner.  
Claws grip filter tighter as more torque is applied.

Item No	Size	Driver
DN-A1114	Ø35-75mm	3/8" & 1/2"Sq
DN-A1122	Ø58-95mm	3/8" & 1/2"Sq

**DN-A1122**

**3-Jaw Oil Filter Wrench**  
三脚滤清器扳手



**DN-A1113**

**Three Leg Oil Filter Wrench**  
三爪滤清器扳手

this oil filter removal tool is ideal for use on all Mini engines including other car and commercial vehicles. Removes oil filters with diameter from 75mm to 120mm.  
As wrench is tightened the serrated legs clamp around the filter with diameter from 75mm to 120mm for easy removal.  
1/2" square drive with 19mm - 3/4" AF spanner adaptor.



**DN-A1077-D**

**Oil Filter Plier**  
机油芯扳手

Serrated jaws are locked into position and provide Maximum grip on oily filters. Double dipped non-slip Rubber grip for added comfort and control.



Item No	Capacity
DN-A1077-E	Ø60-90mm
DN-A1077-D	Ø85-115mm

**DN-A1116**

**19pcs Cap Oil Filter Wrench**  
19件碗型滤清器扳手

Low profile design perfect for use On cartridge style filters  
Contents: 74mm\*14-pt, 79mm\*15-pt, 73mm\*14-pt, 75mm\*15-pt, 65mm\*14-pt, 80mm\*15-pt, 76mm\*12-pt, 64mm\*14-pt, 87mm\*16-pt, 99mm\*15-pt, 92mm\*15-pt, 67mm\*14-pt, 24mm, 27mm, 32mm, 36mm, 38mm



**DN-A1065**

**Two Ways Oil Filter Wrench**  
德式机油滤清器扳手



Heavy duty drop forged steel two way oil filter wrench with serrated jaws to grip the filter securely. Spring loaded cam action reverses the drive direction for either removal or replacement.  
For use when access to filter is only from the end.  
Drive Size: 1/2" Square drive or 21mm wrench.

Item No	Size	Driver
DN-A1065	Ø60-80MM	21mm & 1/2"Sq
DN-A1066	Ø80-105MM	21mm & 1/2"Sq
DN-A1132	Ø110-140MM	21mm & 1/2"Sq

**DN-A1049**

**9pcs Cap Oil Filter Wrench**  
9件帽式滤清器扳手

Caps sizes:  
64.5mm\*14-pt, 64.5mm\*14-pt, 88.8mm\*15-pt, 74.2mm\*14-pt, 86.6mm\*16-pt, 63-83mm, 27mm\*6-pt, 32mm\*6-pt, 36mm\*6-pt  
Application: audi, bmw, mercedes, opel, re nault, volvo, kia, hyundai, ford, vw, skoda, citroen, mini



**DN-A1130**

**9pcs Cap Oil Filter Wrench Set**  
9件铁质环保机油格

Cap type filter wrenches prevent damage to filter housing. Low profile design suitable for use on new, cartridge style filters and in confined areas. Will withstand up to 282lb. ft of torque.  
3/8"Sq drive/21mm Hex - set includes 21mm 12point ring spanner.  
Sizes: 27, 32, 36, 75.6, 76.76, 86.93mm.  
Flutes: 6, 6, 6, 14, 12, 14, 16, 15 respectively.  
Applications: Audi, BMW, Fiat, Ford, GM, Honda, Mercedes, Mini One/Cooper/Cooper S, Nissan, Opel/Vauxhall.



**DN-A1168**

**10PC Cap Oil Filter Wrench**  
10PC机油格组套

63-83mm, 90mm\*8pt, 85mm\*15pt, 74mm\*14pt, 101mm\*16pt, 65mm\*14pt, 101mm\*15pt, 67mm\*14pt, 79mm\*14pt, wrench



**DN-A1012**

**15pcs Cap Oil Filter Wrench Set**  
15件帽式滤清器扳手



**DN-A1013**

**23pcs Cap Oil Filter Wrench Set**  
23件帽式滤清器扳手



Item No	Content
DN-A1012	65 mm x 14-pt., 67 mm x 14-pt., 74 mm x 14-pt., 75 mm x 14-pt., 74 mm x 15-pt., 79 mm x 15-pt., 84 mm x 18-pt., 89 mm x 15-pt., 80 mm x 15-pt., 95 mm x 15-pt., 76 mm x 12-pt., 80 mm x 15-pt., 101 mm x 15-pt., 92 mm x 15-pt.
DN-A1013	65 mm x 14-pt., 67 mm x 14-pt., 74 mm x 14-pt., 75 mm x 15-pt., 74 mm x 8-pt., 74 mm x 15-pt., 73 mm x 14-pt., 75 mm x 12-pt., 74 mm x 15-pt., 79 mm x 15-pt., 73 mm x 15-pt., 74 mm x 14-pt., 84 mm x 18-pt., 89 mm x 15-pt., 91 mm x 15-pt., 90 mm x 15-pt., 95 mm x 15-pt., 76 mm x 12-pt., 80 mm x 15-pt., 101 mm x 15-pt., 92 mm x 15-pt.

**DN-A1075**

**14pcs Oil Filter Cap Wrench**  
14件碗型滤清器扳手

Cap type filter wrenches, made from 7 and 16 gauge steel will withstand up to 115Nm (85lb.ft) of torque. Designed to grip like sockets, thereby minimizing the possibility of crushing filters. Electro-black oxide finish for rust protection. Use with 3/8" or 1/2"Sq drive wrenches. Supplied in carry-case.  
Adaptor: 3/8"Sq Drive(M) x 1/2"Sq Drive(F)  
Contents:

Size: Flutes / Steps:  
65mm 14 / 1  
65-67mm 14 / 2  
68mm 14 / 1  
73mm 14 / 1  
74-76mm 15 / 2  
75-77mm 15 / 2  
74-76mm 14 / 2  
76mm 30 / 1  
80mm 15 / 1  
82mm 15 / 1  
90mm 15 / 1  
93mm 15 / 1  
93mm 38 / 1  
100mm 15 / 1



**DN-A1108**  
**3pcs Cap Oil Filter Wrench Set**  
**3件铝合金机油滤芯扳手**

Cap sizes:64mm\*14,74mm\*14,76mm\*14  
 Covers all Toyota and Lexus Vehicles  
 from 1980-2009



**DN-A1076**  
**30pcs Oil Filter Cap Wrench**  
**30件碗型滤清器扳手**

Extensive set designed for a wide range of vehicles.  
 Cap type filter wrenches, made from 7 and 16 gauge steel, will  
 withstand up to 115Nm (85lb.ft) of torque.  
 Designed to grip like sockets, thereby minimizing the possibility of  
 crushed filters. Includes adjustable oil filter wrench. Adaptor allows  
 use with 3/8" or 1/2"Sq drive wrenches. Supplied in carry-case.

Contents:  
 Size: Flutes / Steps:  
 65mm 14 / 1      86mm 16 / 1  
 65-67mm 14 / 2      86mm 18 / 1  
 66mm 6 / 1      90mm 15 / 1  
 68mm 14 / 1      92mm 10 / 1  
 73mm 14 / 1      93mm 15 / 1  
 74mm 15 / 1      93mm 36 / 1  
 74-76mm 15 / 2      93mm 45 / 1  
 75-77mm 15 / 2      95mm 15 / 1  
 76mm 8 / 1      96mm 18 / 1  
 76mm (Shouldered)12/1 100mm 15 / 1  
 76mm 14      106mm 15 / 1  
 76mm 30 / 1      108mm 15 / 1  
 78mm 15 / 1      108mm 18 / 1  
 80mm 15 / 1  
 80-82mm 15 / 2  
 Filter Claw Wrench: Ø65-120mm  
 Adaptor: 3/8"Sq Drive(M) x 1/2"Sq Drive(F)



**DN-A1118**  
**7pcs Oil Filter Socket Set**  
**7件滤清器扳手机组套**

Low profile design perfect for use  
 On cartridge style filters  
 - contains following sizes:  
 - 24 mm (misc. Bmw)  
 - 27 mm (mercedes a-class)  
 - 32 mm (opel astra g, corsa b, zafira)  
 - 36 mm (misc. Bmw, ford mondeo 2.0,  
 Transit 2.0, d, opel vectra b, zafira,  
 Misc. Mercedes)  
 - 38 mm opel vectra 2.0d  
 - 29 mm (misc. Models)  
 - 30 mm (misc. Models)  
 - drive: 3/8



**DN-A1067**  
**5pcs Cap Oil Filter Wrench**  
**5件帽式滤清器扳手组**

Includes:24mm for cadillac, 27mm,  
 36mm for mercedes,vw,cadillac,buick  
 saturn,saab, 32mm for gm,saturn  
 and saab, 36mm for vauxhall/vectra



**DN-A1107**  
**Nylon Cap Oil Filter Wrench Set**  
**6件尼龙碗型机油滤芯扳手**

includes:  
 65/67 - 14F,74/76-15F,76-14F,  
 93-15F,76-15F/80-30F/93-36F,3/8"



**DN-A1128**  
**24pcs Alternator Freewheel Pulley Removal Set**  
**24件发动机皮带盘拆装工具**

3/8" drive\*90mm long\*M10 bit socket  
 Hex nut  
 28H\*H21\*35mm long,28H\*H19\*35mm  
 long  
 Spline M10\*64mm long  
 1/2"drive 110L spline M10 bit socket  
 1/2"drive bit socket  
 38mm hex pin  
 28.6mm round\*H28\*H22\*321long 35mm  
 round  
 17mm hex\*35long  
 22mm hex  
 15mm\*17.5mm hex\*33 teeth  
 3\*15mm\*19mm hex\*33teeth  
 2\*combined socket for  
 alternator(T50\*113mm long)



**DN-A1079**  
**13pcs Alternator Freewheel Removal Set**  
**13件发动机皮带盘拆装组**

Special designed two-part socket for  
 removing and replacing the free wheel  
 pulley when you want to replace the  
 alternator or pulley.  
 Contents:2PCS 1/2" DR.bit  
 socket,M10,T50\*110L  
 6PCS 75mmL Power  
 bit:M8,M10,H8,H10,T40,T50  
 1PC 10MM(hex)1/2"DR.adaptor  
 5PCS Special reaction nut:#1  
 33T\*19.5mm,  
 #2 33T\*19.2mm,#3Hex\*17mm,#4  
 Hex\*28mm,#5 4p\*30.2mm  
 Applicable:VW-AUDI,BMW  
 FORD,SKODA,BENZ,PEL/VAUXHALL,  
 PORSCHE,RENAULT,VOLVO etc...



**DN-A1067**  
**18pcs Alternator Freewheel Pulley Removal Set**  
**18件发动机皮带盘拆装器**

Permits easy removal of freewheel  
 alternator pulley,either on or off the  
 vehicle. Allows alternator shaft to be  
 held while the pulley retainer is  
 removed.Incorporates a range of  
 combination TRX-Star,Spline and  
 hex adaptors to fit most  
 alternators. Supplied in carry-case.  
 Combined Socket bits:1/2"Sq Drive;  
 TRX-Star-T50-33T\*113mm,Spline-  
 M10-33T\*113mm,3/8"Sq  
 Drive,Spline-M10-33T\*80mm  
 Socket Bit-1/2"Sq Drive  
 Spline,M10\*140mm  
 Spline Adaptor:15mm\*33T,22mm\*33T  
 Hex Adaptor:22,22\*28,19\*28mm  
 Round Adaptor:35mm-4 Pin  
 Bits:10mm Hex;TRX-Star-T40,T50,Spline-M8,  
 M10,Hex-  
 8,10mm,12mm Hex; Spline-M10  
 Adaptor:1/2"Sq Drive\*10mm Hex



**DN-A1123**  
**22pcs Alternator Freewheel Pulley Removal Set**  
**22件发动机皮带盘拆装工具**

3/8" drive\*90mm long\*M10 bit socket Hex  
 nut 28H\*H21\*35mm long,28H\*H19\*35mm  
 long  
 Spline M10\*64mm long  
 1/2"drive 110L spline M10 bit socket  
 1/2"drive bit socket  
 38mm hex pin  
 28.6mm round\*H28\*H22\*321long 35mm  
 round  
 17mm hex\*35long  
 22mm hex  
 15mm\*17.5mm hex\*33 teeth  
 3\*15mm\*19mm hex\*33teeth  
 2\*combined socket for  
 alternator(T50\*113mm long)



**DN-A1033**  
**Engine Timing Tool For Mini BMW**  
**MINI正时工具组**

Applications:Mini:  
 1.6 Cooper (01-09)  
 1.6 Cooper S (02-09)  
 1.6 One (01-09)  
 Chrysler:PT Cruiser (01-09)  
 Engine Codes:EJD  
 W10B16AA,W10B16BA,W11B16BA



**DN-A1064**  
**BMW Front Chamber Adjusting Kit**  
**BMW外倾角调整组**

Tool remains on the spring strut until all  
 screws are tightens, therefore no re-  
 calibration required  
 Made of high quality aluminum  
 .Also available separately under the  
 following item no. :  
 #1: suitable for BMW models E60 - E61 -  
 E63 - E64  
 #2: suitable for BMW models E65 - E66 -  
 E67 - E81 - E83 - E85 - E87 - E90 - E91-  
 E92 - E93  
 #3: suitable for BMW models E38 - E39 -  
 E46 - E53 - E65 - E66 - E67 - E81 - E83 -  
 E85 - E86 - E87 - E90 - E91 - E92 - E93



**DN-A1055**  
**Engine Timing Tool For BMW N40,N46,N46T**  
**宝马正时工具组**

BMW:  
 118i E81/82/87/88(04-12)  
 120i E81/82/87/88 (04-12)  
 316i/i Compact E46(01-07)  
 318i/i Compact E46 (01-07)  
 318i E90/91/92/93 (05-12)  
 320i E90/91/92/93 (05-12)  
 520i E60/E1(07-10)  
 x4 2.0 e85/86 (04-09)  
 X1 sDrive 18i E84 (10-12)  
 X1 xDrive 18i E84(10-12)  
 X3 2.0 E83 (05-10)  
 N42/N46/N46T B16,B18A,B20,B20A,  
 B20B,B20BD,B20BZ,B20Z.



**DN-A1056**  
**Engine Timing Tool For BMW N40,N45,N45T**  
**宝马正时工具**

BMW:116i E81/82/87/88 (04-09)  
 316i/i Compact E46 (01-07)  
 316i E90/91/92/93 (05-10)  
 N40/N45/N45T B16A,B16AC



**DN-A1078**  
**Engine Timing Tool For BMW M41, M51, M47**  
**宝马正时工具组**

- for engine codes:  
 - M41, M51, M47 - M47 TU/T2,  
 M57 TU/T2 2.0i/3.0i 1998-2008  
 - 204D3 / Td4, Td 6  
 - M47R  
 - contains important tools, e.g. for:  
 - camshaft assembling /  
 disassembling  
 - hydraulic chain tensioner  
 assembling / disassembling  
 - valve timing of camshafts  
 - fits followings models:  
 - BMW: 1, 3, 5, 6, 7, X3, X 5  
 (type series E34-36-38-39-66-83-  
 90-91-92-93)  
 - Landrover: Range, Freelander  
 - Rover: 75, MG, MG ZT  
 - Vauxhall / Opel: Omega-B



**DN-A1058**  
**Engine Timing Tool For BMW N52,N53,N54**  
**宝马正时工具组**

- suitable for following models:  
 - 128i, 130i, 135i - E81 / E82 / E87  
 - 323i, 325i, 328i, 330i, 335i - E90 /  
 E91 / E92 / E93  
 - 523i, 525i, 528i, 530i - E60 / E61  
 - 535i, 630i - E63 / E64  
 - 730i - E65 / E66  
 - X3 2.5 / 3.0 - E83  
 - X5 3.0 - E70  
 - Z4 2.5 / 3.0 - E85 / E86



**DN-A1059**  
**Engine Timing Tool For BMW N42,N46**  
**宝马正时工具组**

For engine codes:  
 - N42, N46, B18-A, B20-A/B  
 - fits followings models:  
 - BMW: 1, 3, 5, X3, Z4  
 (type series E87-46-60-85-83-90-91)  
 Must be used with DN-A1056 together.



**DN-A1061**  
**Engine Timing Tool For BMW N62,N73**  
**宝马正时工具**

Used to set timing on cams of both  
 cylinder heads. Includes hold down tool  
 for cam fixtures. Crankshaft timing pin  
 included. Applicable to: N62, N62TU and  
 N73 Engines.  
 Applicable Models:  
 N62:  
 545 (2004-2005), 645Ci (2004-2005),  
 745i (2003-2005), 745Li (2003-2005),  
 Alpina B7 (2007-2008) and X5 (2004-  
 2006)  
 N62TU:  
 550 (2006-2007), 550i (2008-2010), 650i  
 (2008-2010), 750i (2006-2008), 750Li  
 (2006-2008) and X5 (2007-2010).  
 N73:  
 760Li (2003-2008) and 760i (2005-2006).



**DN-A1060**  
**Engine Timing Tool For BMW**  
**(N42,N46,N46T)**  
**综合性宝马正时工具**

Checking and adjustment of engine  
 timing when installing and removal of  
 camshaft timing unit, applicable: BMW  
 N42,N46,N46T



**DN-A1097****Double Vanos Camshaft Alignment Tool For BMW M52TU/M54/M56 宝马正时工具组**

Special design for using before installing the accurate engine. Applicable:BMW engine models M52TU,M54,M56

**DN-A1135****Engine Timing Tool For BMW M42 M50 M52TU,M54,M56 宝马正时工具**

BMW Double VANOS Master tool set contains a comprehensive set of tools to perform camshaft + VANOS timing on M52TU, M54, M56 Engines. The tools are also applicable for camshaft timing on non-VANOS engines (M42, M50, M52TU, M54, M56).

**DN-A1127****Engine Timing Tool For Mini And PSA BMW MINI正时工具**

The kit designed to set the twin camshaft on petrol engine of BMW MINI. Applicable: BMW MINI COOPER 1.4, 1.6, 16V CITROEN C4, C4 Picasso PEUGEOT 207, 308. BMW: N12(1.4/1.6), N14(1.6), and N16 PAS, EP3, EP6 and EP6DT/DTS.

**DN-A1134****Engine Timing For BMW N51,N52,N53,N54,N55 三合一宝马正时工具**

Comprehensive tool kit for locking camshaft in TDC position when checking/adjusting camshaft timing, replacing inlet camshaft or timing chain on BMW N51, N52, N53, N54, N55.

**DN-A1137****Double Vanos Timing Tool Kit For BMW M52TU/M54/M56 宝马正时工具**

Contains the tools necessary to assemble and properly time the double VANOS camshaft adjustment unit found in 1998 and later 6 cylinder engines. Special design for using before installing the accurate engine. Applicable: BMW 6 cylinder engine: M52TU (1998-2000), M54 (2001-2004), & M56 (2003 to present).

**DN-A1136****Master Camshaft Alignment Timing Tool For BMW M52TU,M54,M56 宝马正时工具**

Master tool set contains a comprehensive set of tools to perform camshaft VANOS timing on M52TU, M54, M56 Engines. The tools are also applicable for camshaft timing on non-VANOS engines (M42, M44, M50, M52, MS50US and S52US).

**DN-A1141****Engine Timing Tool For BMW N20 宝马正时工具 N20**

Application: Engine Alignment Tools applicable to Newer BMW N20 & N26 4 cylinder turbo engine. This tool is used to fix the camshaft in top dead center position. This tool is used to fix the VANOS encoder wheel in top dead center position. The alignment pin is used to fix the engine flywheel at top dead center. Kit contains OEM Equivalent tool 212 831, 119 340, 212 830, and 219 548

**DN-A1153****engine locking kit for BMW N43 宝马正时工具 N43**

FOR USE ON BMW N43 CHAIN DRIVEN ENGINES: N43 B16/AA, N43 B20A, N43 B20AA, N43 B20AY, N43 B20KO, N43 B20UO 1 SERIES E81, E82, E87, E88, (06 - 12) 3 SERIES E90, E91, E92, E93, (06 - 12) 5 SERIES E60, E61, (07 - 10) INCLUDES VANOS SENSOR ALIGNMENT TOOL

**DN-A1102****3PC ENGINE TIMING TOOL KIT FOR VAG VW AUDI正时工具组 (1.4, 1.6FSI)**

Installing and removal of camshaft/variable camshaft timing unit. Checking and adjustment of timing. Applicable:VW Polo,Golf,Touran, Caddy,SKODA,Octavia,AUDI A3 etc...

**DN-A1032****Engine Timing Tool For VW 1.2L VW 1.2L正时工具组 (6V 12V)**

Installing and removal of camshaft variable camshaft timing unit. Checking and adjustment of timing. Applicable:Petrol engines:VW Polo,Fox,SKODA Fabia,SEAT Ibiza/Cordoba 1.2L engine,2 and 3 cylinder,6/12 V

**DN-A1052****Camshaft Alignment Tool For Vw&audi 双凸轮轴正时工具**

Suitable for setting and locking VAG 3.0 V6 petrol engines. Quad cam configuration drives all four camshafts from the crankshaft. Kit contains camshaft and crankshaft setting and locking tools plus camshaft sprocket adjusting tool, tension adjuster and tension locking pin. Supplied with warning tags. Applications: VAG 3.0 V6 Petrol Engines: Audi - A4, Cabrio, A6, A8. Engine Codes: ASN, AVK, BBJ.

**DN-A1173****Timing Tool Set For VAG 2.0Litre TDI PD DOHC 大众正时工具**

Timing Tool Set for VAG 2.0Litre TDI PD DOHC engines fitted to Audi A4/A6, Skoda Octavia II and Volkswagen Golf, Golf Plus, Jetta and Touran models. 1.2 1.4 1.9 2.0 TDI.

**DN-A1053****Camshaft Drive Belt Puller Tool For Vw,audi 大众奥迪皮带盘拆卸器**

Extractor for the camshaft phasing gear with 5 and 6 spokes. Pulling arms 17 and 23 mm. This cam sprocket puller is the 3rd essential tool required when replacing the timing belt in the Audi V6 and V8 engines. Applicable: 1992-1994 Audi 100s with the 12 valve AFC or AAH V6 engine, 1995-1997 Audi A6 12 valve AAH V6 engine, and similar engines used in A4s, A8s during the 1990's and later

**DN-A1154****Engine Timing Tools For VW 1.8T/Audi 2.0T 大众/奥迪正时工具**

Camshaft Regulator Timing Tool for: Audi A6 2.0T VW Sagitar Magotan 1.8T In package: 1pcs 1.8T socket and 1pcs 2.0T socket

**DN-A1025****Engine Timing Tool For VW&Audi 大众奥迪正时工具组**

This new kit of twelve tools is required for petrol and diesel engine service including timing belt replacement on recent models and also older 1.9D models from 1976. Models: AUDI: A4, A6, A48, A11 yoad(97-04) VW: PASSAT (98-04) Engines codes: AFB, AKE, AKN, AYM, BAU, BAU, BCZ, BDG, BDH, BFC.

**DN-A1030****Engine Timing Tool For Renault 雷诺正时工具拆装组**

This new camshaft pulley setting tool holds two pulleys in place while changing the cam belt and correct engine timing to be performed when changing the timing belt. Applicable:Renault 16V&k4J,K4M&F4P,

**DN-A1035****Engine Timing Tool For Renault (欧宝日产 雷诺) 柴油正时齿工具组**

Installing and removal of camshaft /variable camshaft timing unit. Checking and adjustment of timing. Petrol engine: twin camshaft engine:1.2, 1.4, 1.6, 1.8, 2.0 16V, 2.5 20V. Diesel engine: 1.9D/TD/dTi, 2.2D/TD, 2.5D, 2.8dTi, 1.5 dCi, 1.9dCi, 2.2dCi, 2.5dCi

**DN-A1121****Engine Timing Kit For OPEL&GM 欧宝/GM正时工具**

To lock or position the camshaft and the timing chain tensioner during engine repairs. Also for the removal and installation of the water pump it is necessary to lock the water pump belt pulley by means of water pump sprocket retainer tool which can also be used on the 2.4L engines.

**DN-A1023****Engine Timing Tool For Ford&Mazda 福特马自达正时工具组**

flywheel - crankshaft - camshaft / pump shaft - fuel injection pump shaft - belt pulley - tensioning of the timing belt - includes adjusting gauge for camshaft, crankshaft, pumpshaft - complete classification chart included - for e.g.: 1.4 ltr. + 1.6 ltr 16V + 1.7 ltr. + 1.8 ltr. 16V + 2.0 ltr. 16V (also Zetec) - 1.4 ltr. - 1.6 ltr. - 1.8 ltr. and 1.9 ltr. D/TD/TDCI

**DN-A1057****Engine Timing Tool For Ford&Mazda 福特马自达正时工具组**

for replacing the cam belt on Ford Focus 1.6 Ti-VCT engines, engine code: HXDA (2003-2007) and 2.0 TDCI with engines codes G6DA, G6DB, G6DC 2003-2007 - camshaft sprocket holding tool to be used as OEM 303-1097 - tensioner pulley locking pin to be used as OEM 303-1054 - flywheel timing pin to be used as OEM 303-1059, 303-1270, 0188X, 999-7121 - crankshaft timing pin to be used as OEM 303-748, 999-7152, 21-259 - camshaft sprocket locking tool to be used as OEM 303-735, 999 7122, 0187B, 0189B, 0132AJ, 21-263, 0188M, MOT 1430, 303-1277, 0194B



**DN-A1161****Engine Timing Tool For Ford 1.6 16v  
福特1.6正时工具**

Designed for pulling off the camshaft timing belt wheel and locking or positioning the engine output shafts, such as the camshaft and crankshaft.

Required for changing the timing belt or for engine repair.

Also includes a Flywheel locking pin, camshaft locking pins, 3 leg puller, high pressure pump locking tool, Camshaft sprocket removal tool, and a Crankshaft locking tool.

Application: Ford 1.8 D /TDCI Diesel and 1.25-2.0 16v Zetec Petrol Engine, such as Ford Fiesta, Fscore/Orion, Focus, Puma, Sierra, Mondeo, Cougar, Couier/Kombi, P100 and Mazda 121.

**DN-A1162****Engine Locking Kit For Ford&Mazda  
福特/马自达正时工具**

FOR ENGINES 1.25, 1.4, 1.6, 1.8, 2.0, 2.3 Ltr. & 16v DURATEC - BELT & CHAIN DRIVE ENGINES and MAZDA VOLVO ENGINES - OEM EQUIVALENT NUMBERS AND ENGINES CODES BELOW.

COVERS THE COMPLETE RANGE OF FORD DURATEC ENGINES 1.25 through to 2.3 16v IN BOTH BELT AND CHAIN DRIVE VARIANTS.

Ford: C-MAX (07-10), Cougar (98-01), Fiesta (95-15), Focus (98-11), Focus C-MAX (03-07), Fusion (02-12), Galaxy (08-12), Mondeo (93-12), Puma (97-02), S-MAX (06-12), Tourneo Connect (02-06), Transit (06-12), Transit Connect (02-06)  
Mazda: 121 QZ (95-00), 2 DY (02-07), 3 BK (03-09), 3 BL (09-15), 5 CR (05-10), 5 CW (10-12), 6 GG/GY (02-07), 6 GH (07-15), MPV LW (02-05), MX-5 NC (05-15), Tribute EP (04-06)  
Volvo: C30 (06-13), S40 (06-12), S80 (07-11), V50 (04-12)

**DN-A1171****Petrol Engine Locking Kit - Ford 1.6Ti  
福特/马自达正时工具**

Kit covers timing belt replacement and timing adjustment on Ford 1.6Ti-VCT petrol engines.

Includes VCT setting plate, flywheel locking tool, camshaft and tensioner pins.

Also includes camshaft setting plate for timing adjustment applications.

These 1.6Ti-VCT petrol engines were first fitted in the Focus range in 2003 and have since appeared in Fiesta and Mondeo models including FFV variants.

Application:  
Model: Ford: C-MAX (07-12), Fiesta (08-12), Focus (04-12), Focus C-MAX (03-07), Grand C-MAX (10-12), Mondeo (07-10)  
Engine Code: 1.6Ti-VCT: HXJA, HXJB, HXDA, IQDA, IQDB, PNBA, PNDA, RHBA, SIDA

**DN-A1095****Engine Locking Kit For Ford&Mazda  
福特/马自达正时工具**

Diesel/Petrol Engine Setting/Locking Combination Kit - Ford - Belt/Chain Drive

Combination kit of setting and locking tools suitable for a wide range of Ford petrol & diesel engines. Also suitable for these engines fitted in Land Rover, Mazda, PSA, Suzuki and Volvo vehicles.

Kit consists of camshaft, crankshaft/flywheel and tensioner locking tools, plus camshaft sprocket remover.

Applications:

Ford: C-MAX (07-12), Cougar (98-01), Courier (00-02), Fiesta (95-12), Focus (98-12), Focus C-MAX (03-07), Fusion (02-12), Galaxy (06-12), Grand C-MAX (10-12), Kuga (08-12), Maverick (01-07), Mondeo (93-12), Puma (97-02), S-MAX (06-12), Tourneo Connect (02-12)

**DN-A1031****Engine Timing Tool  
For Land Rover  
路虎正时工具组**

New EDC Manual Transmission Timing Pin.

200 TDI 300 TDI & 2.5 Diesel Engines.

Combusted Crankshaft Damper Puller And Fuel Pump Gear Locking Tool.

**DN-A1149****Engine Timing Locking Tool Kit Set for Fiat Cruze  
Vauxhall Opel  
别克雪佛兰正时工具**

Chevrolet Engine Timing Tool Kit For Fiat, Cruze, Vauxhall/Opel for Auto Engine Repair

Engine timing kit for GM derived belt driven engine 16v 1.6 and 1.8 Z and A engine codes found in Vauxhalls, Chevrolet's, Fiats and Alfa Romeo's. 2003 - 201

Engine timing tool kit for GM engines fitted to Vauxhall/Opel and other vehicles 16v 1.6 and 1.8

Applications: Astra-G | H | Corsa-D | Insignia | Morvia | Signum | Vectra-C | Zafira-B 2003-2011  
Also fits Chevrolet Cruze, Orlando 1.4 | 1.6 | 1.8 and Fiat Croma, Alfa Romeo 159 with 939A4.000 engines

**DN-A1150****Engine Timing Locking Tool For Roewe 350  
荣威350正时工具**

To lock or position the camshaft and the timing chain tensioner during engine repairs. Suitable Roewe 350

**DN-A1165****Engine Timing Locking Tool For Roewe 550  
荣威550正时工具**

To lock or position the camshaft and the timing chain tensioner during engine repairs. Suitable Roewe 550

**DN-A1164****Camshaft Locking Tool For Chery  
奇瑞正时工具**

To lock or position the camshaft and the timing chain tensioner during engine repairs. Suitable Chery A1, QQ6, A3, A5, V5, Tiggo, 473, 481, 484 Engines

**DN-A1175****Engine Timing Tool For Jetta  
捷达正时工具**

Engine Timing Tools For New Jetta/Santana/Gran Lavida/Golf 7

Locks camshaft when checking and adjusting timing  
1.0L MPI - petrol  
1.0L MPI (GNC) - petrol

**DN-A1167****Master Engine Timing Tool Set for Toyota and  
Mitsubishi  
丰田三菱正时工具**

specifically compiled to give a comprehensive range of engine timing locking tools for Cam belts, chains and gears.

Suitable for Toyota & Mitsubishi engines

Tool kit includes a large number of crankshaft pulley tools for use on a wide range of Toyota vehicles. Time Saving

**DN-A1093****SAC Clutch Alignment Assembly Set  
离合器拆装工具**

For fast and professional disassembly and assembly of SAC clutches - fits on nearly all SAC clutches with 3-and 4-hole pitch from VAG, MB, Opel, Volvo, Renault etc. e.g. on models: Audi A3, A4, A6, A8, VW Passat, Golf, Sharan, Tiguan, Ford Mondeo, S-Max, Galaxy, Transit Mercedes C, E, CL, S, SLK, SLK, SL, BMW 320, 330, 520, 530 Alfa Romeo 147, 159, 166 Fiat Ulysse, Croma, Ducato, Lancia Phedra, Thesis

**DN-A1054****Clutch Alignment Tool  
离合器拆装器**

For easy alignment and installation on the workbench. Suitable for front wheel drive vehicles. Supplied with 3 different sized expanding

**DN-A1041****SAC Clutch Alignment Tool  
离合器拆装工具**

Necessary for pre-tensioning self adjusting clutches before removal or installation. Prevents plate distortion which may prevent the clutch from disengaging or cause dragging. Features a refitting tool, allowing the clutch adjuster to be wound back, and six alignment adaptors. Supplied in carry-case. Spigot Adaptors: Ø15/23, Ø15/28, Ø15/34, Ø21/23, Ø20/23, Ø14/15/20mm Assembly Flywheel Threads: Ø6 x 1, Ø7 x 1, Ø8 x 1.25mm

**DN-D1030****Compressor Clutch Removal Tool  
离合器拆装工具**

For damage-free removal and installation of the clutch hubs on these air conditioning compressors: GM-Harrison DA-6, HR-5, V-5, A-6, and early R4; Nippondenso Ford/Chrysler A590, C171, FS-6, 6P148A (new style); Sanden & Sankyo; York/Tecumseh HR980; Zexel/Mitsubishi CH series. Set includes a removing flange, plus forcing screws and adapter assemblies to remove and install virtually all clutch hubs. Includes blow-molded plastic case.

**DN-A1112****17pcs Universal Clutch Aligning Tool Set  
离合器对准工具**

Chemically blackened steel components in presentation box. Aids alignment of clutch plate for assembly. Spigot Adaptors: Ø10.6-20mm Guide Sleeves: Ø13.7-26mm

**DN-A1022****19pcs Timing Locking Tool  
19件皮带正时工具**

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



## DN-A1039

8pcs Camshaft Locking Kit  
8件正时皮带固定器

Anodised aluminium chocks suitable for locking camshaft pulleys on twin cam engines. Set includes flywheel locking tools for selected PSA (Citroen/Peugeot) and Vauxhall/Opel petrol and diesel engines.



## DN-A1026

22pcs Fuel&A/C Disconnect Kit  
22件冷气管拆装工具组

Contents:  
Spring lock couplings: 3/8", 1/2", 5/8", 3/4", Colour Coded.  
Disconnecting Set:  
5/16", 3/8", 1/2", 5/8", 3/4", 7/8",  
Fuel Line Disconnect Tool, Ford Oil Cooling Line Disconnect Tool, Ford Fuel Line Coupling Tool, Ford/Vauxhall/ Opel Quick Disconnect tool, 7PC Disconnecting Set, Spare Rubber Bands.



## DN-A1038

12Pcs Fuel&A/C Disconnect Kit  
12件冷气管拆卸器

Comprehensive set of tools for separating automotive air conditioning hoses and fuel lines.  
• Suitable for a wide variety of vehicles including amongst others Ford and GM.



## DN-A1074

Flow Meter Common Rail Set  
柴油喷油嘴测试器

comprehensive kit essential for determining the return flow from diesel injectors. The fuel return flowmeters allow precise measurement for swiftly diagnosing faulty or damaged injectors. Supplied with a selection of adaptors and is capable of measuring six injectors simultaneously. Packed in portable plastic case.

Contents:  
6 x manometer tubes for use when cranking engine  
6 x reservoir bottles for use when running the engine for longer periods  
12 x push fit adaptors  
Anodized hanging bottle rack  
6 x Bosch Injector adaptors (No.1)  
6 x Siemens Injector adaptors (No.2)  
6 x Denso Injector adaptors (No.3)



## DN-A1104

Camshaft Timing Tools For Alfa Romeo  
Alfa Romeo 汽车发动机锁定工具

Engine Camshaft Timing Tool For Alfa Romeo 145, 146, 147, 155, 156 1.4 1.6 1.8 2.0 TS  
Kit includes camshaft setting plates for locking the camshafts in the timed position. The plates are positioned in place of the camshaft bearing caps.

The kit also includes timing and balance shaft belt tensioner adjusters.

## Applications:

Alfa Romeo Twin Spark  
1.4/1.6 16V Engines; 145/146/147/155/156 (96-10),  
1.8 16V Engines; 145/146, (96-01), 155/156 (96-06), Spider/GTV (98-05),  
2.0 16V Engines; 145/146 (96-01), 147 (01-10), 155/156 (95-02), 166 (98-07), Spider/GTV (96-05)  
Engine Codes:  
1.4/1.6 - 321.02, 321.03, 321.04, 335.03, 676.01  
1.8/2.0 - 323.01, 672.04, 162.01, 323.10, 671.06, 322.01, 671.02, 322.05, 341.03, 363.01  
Plate Applications: Purple; 1.4, 1.6, Blue; 1.8, 2.0



## DN-A1071

7pcs Fuel&A/C Condition Disconnect Kit  
7件冷气管快速接头拆卸组

Includes six tools for disconnecting spring couplings on Ford, GM, and Chrysler air conditioning lines. Also works on fuel lines and can be used as push lock connectors on radiator and transmission lines.



## DN-E1084

50mm Honda Acura Crankshaft Crank Pulley Wrench Holder Tool  
50mm本田曲轴滑轮扳手

DESCRIPTION  
THIS UNIQUE 2" TOOL HAS BEEN DEVELOPED TO AID IN THE REMOVAL AND INSTALLATION OF THE CRANK REMOVAL AND BOLT ON MOST HONDA AND ACURA ENGINES.  
IN OPERATION WITH THE USE OF A 1/2" BREAKER BAR OR RATCHET THIS TOOL HOLDS THE HARMONIC DAMPER PULLEY FROM ROTATING WHEN REMOVING THE PULLEY BOLT. THERE IS A HOLE IN THE CENTER OF THE TOOL TO ALLOW THE USE OF A SOCKET AND EXTENSION BAR TO BREAK LOOSE OR TIGHTEN THE PULLEY BOLT.  
MATERIAL: STEEL  
SIZE: 2" HEX.



## DN-A1036

Twin Cam Lock Tool  
正时齿轮定位器

For petrol and diesel engines designed to lock twin camshafts to timing marks during belt replacement. Fits on to sprockets and extends to lock in to sprocket teeth adjustable arms to fit various diameters and teeth pitches.

Suitable for locking between cam and diesel injection pump sprockets



## DN-A1160

Universal Cam Belt Tensioning Gauge  
皮带张力器

This tensioning gauge can be used to adjust the tension on the cambelt where the movement of the timing belt is measured by load (Nm). Suitable for use on cambelts with various belt widths. Easy to use with clear incremental marking with knurled knob for precise measurement. Dual scale allows reading from top or bottom of tool.



## DN-A1091

V-Belt and Timing Belt Wrench Set  
正时皮带扳手组套

13, 15, 16, 17, 19mm;  
length: 460 mm  
- with slip guard handle for easy handling  
- 12-point finish  
- 45° offset ends allow you to reach all areas in the engine bay



## DN-A1109

Variable Pin Spanner Wrench  
可拆装扳手组套

Universal design fits many different types of pulleys having slots or holes, including camshaft pulleys and crankshaft pulleys.  
Wrench is adjustable from 1-1/4 inch to 5 inches; works with a 1/2 inch drive ratchet or breaker bar.

Replacement Parts:  
DN-A1109-1: 3.5 mm pin  
DN-A1109-2: 4 mm pin  
DN-A1109-3: 4.5 mm pin  
DN-A1109-4: 5 mm pin  
DN-A1109-5: 6 mm pin  
DN-A1109-6: 7 mm pin  
DN-A1109-7: 10 mm pin  
DN-A1109-8: Handle



## DN-A1073

Spring Lock Coupler Disconnect Set  
4件冷气管快速接头拆卸组

Set includes four sizes for use on 3/8", 1/2", 5/8", and 3/4" tubes. Allows quick, safe disconnect of spring lock couplers on late model Ford systems and Tecumseh HR980 compressors.

3/8" (red) Same as Ford 412-026 (T81P-19623-G1).  
1/2" (blue) Same as Ford 412-027 (T81P-19623-G2).  
5/8" (black) Same as Ford 412-038 (T83P-19623-C).  
3/4" (white) Same as Ford 412-040 (TR81-19623-A).



## DN-A1115

Toothed Belt Tensioner Wrench for VW / Audi  
大众奥迪专用引擎皮带扳手

5-way adjustable and 180° pivotable handle  
- can also be used in hard-to-reach areas  
- especially for timing belts on 4- and 5 cylinder VAG engines and VW T4 servo pumpS  
- extra flat type



## DN-A1088

Camshaft Tensioner Locking Tool  
大众, 奥迪机轴锁定工具

Timing tool Set for VAG 1.9 Litre TDI PD DOHC engines fitted to Audi A4, A6 Skoda, Octavia II and Volkswagen Golf / Golf Plus / Jetta and Touran models



## DN-A1151

Camshaft Timing Tool For CITROEN&Peugeot  
1.8 2.0 16V  
标致雪铁龙正时工具

High quality engine timing tool kit suitable for Peugeot / Citroen 1.8l & 2.0 'EW' engines.  
Includes flywheel/drive plate, and tensioner locking tool. Essential tools for timing belt replacement on 1.8l and 2.0l petrol 'EW' code engines.

Convenient and portable for quick, easy use wherever the job. A must have kit for professional and home diy mechanics alike. Many of the timing pins are also suitable for other petrol / diesel PSA engines.

## Suitable For:

Citroen:  
- Xsara 2.0l 16V  
- c5 1.8l / 2.0l HPI  
- Xsara Picasso 1.8l / 2.0l 16V 2002-2005  
Peugeot:  
- 406 1.8l 16V 2000-2004  
- 807 2.0l 16V 2002-2005  
Engine Codes:  
- 6FW (EW7J4)  
- FRN (EW10J4/4/5)  
- RLZ (EW10D)



## DN-A1152

Bomba Refrigerante Opel 2.2 16v. (cadena)  
发动机冷却泵拆卸工具

Coolant Pump for Opel 2.2 16v dual gasoline camshaft (chain). It retains the pinion of the coolant pump in situ when the pump is removed, thus minimizing the level of motor dismantling.

## Models:

Astra-G + H, Speedster / VX220, Vectra-B + C, Signum, Zafira-A + B  
Valid for engines: Z220C, Z22YH





**DN-B1050**  
Piston Ring Compressor  
活塞弹簧压缩器



Item No	Size	Depth	Capacity
DN-B1050-1	3"	φ75mm	60-170mm
DN-B1050-2	4"	φ100mm	60-150mm
DN-B1050-3	6"	φ150mm	60-150mm

**DN-A1001**  
Piston Ring Tool  
活塞环钳

For installing and removing piston rings.



Item No	Size
DN-A1001-1	40-100MM
DN-A1001-2	80-120MM
DN-A1001-3	110-160MM

**DN-A1008**  
Valve Stem Seal Plier  
汽门油封拔取钳

For removing valve stem seals in multi-valves engine. Jaw longitudinal toothed - avoids slipping down. For deeply leveled valve stem seals.



Item No	L	Diameter
DN-A1008	250mm	8mm
DN-A1009	270mm	8mm

**DN-A1010**  
11pcs Valve Seal Remover And Installer Kit  
汽门油封拆装组

11pc valve seal remover and installer kit for removal of valve stem seals on overhead camshaft engines

- Valve pliers reach down around the valve stem into the confined areas of the seal to grip it for removal / installation
- Knurled ends on the adapters / handles and sockets give you maximum grip in oily conditions
- Allows the removal of stem oil seals squarely and without any damage to the springs.
- Precision machined seal driving adapters guide there seal for proper setting

set include:  
1pc Valve Stem Seal Pliers.  
2pc Deep Seal Driving Sockets for Seals O.D. 10.8-14.8mm.  
1pc 8" driver handle.  
7pc Adapters for seals 5mm, 5.5mm, 6mm, 6.6mm, 7mm, 8mm and 3/8"



**DN-A1117**  
Valve Seal Removal Tool Kit  
气门油封钳套工具

Set include:  
valve seal remover(DN-A1010)  
and valve keeper(DN-A1072)



**DN-A1072**  
3Pcs Valve Keeper Installing Kit  
气门弹簧固定半圆型安装器

This tool holds the valve keepers in its magnetic jaws so you can easily maneuver the keepers into the valve stem grooves for



**DN-A1037**  
Seal Puller  
油封拉拔器

Designed to remove oil and grease seals when servicing cars, SUVs, and light trucks without damaging the housing or bearing. Hook tips in two sizes and professional handle design allows removal of hard-to-get-at seals by getting under them. The tool is 12" long and the hook tip is doublesecured (versus competitors' designs), for durability. An extra blade is included, and additional replacements may be.



**DN-A1090**  
Piston Ring Service Tool Set  
气门活塞拆装工具组

Includes Piston Compressors, A Ring Expander, Ring Groove Cleaner & Offset Phillips/Slotted Screwdrivers  
Three Piston Compressors:  
55-125mm x 75mmL,  
90-175mm x 90mmL,  
90-175mm x 100mmL  
Sizes One 50-130mm Capacity Ring Groove Cleaner, One 50-100mm Capacity Ring Expander, Three Offset Phillips/Slotted Screwdrivers: 1/16" To 3/16", 2 To 2.5mm & 1.2 To 5.5mm Sizes



**DN-A1003**  
Valve Spring Compressor  
免拆式凡尔钳

Used to compress valve springs for removal or installation. suit for car & motorcycle. kit includes 16mm, 19mm, 23mm, 25mm, 30mm valve spring retainer adapters.



**DN-A1002**  
Valve Spring Compressor  
免拆式凡尔钳

Used to compress valve springs for removal or installation. suit for car & motorcycle. kit includes 16mm, 19mm, 23mm, 25mm, 30mm valve spring retainer adapters.



**DN-D1058**  
Valve Spring Compressor  
桥式链接拉马

45#/Designed for Use on Most Trucks and Cars with Overhead Valves



**DN-A1110**  
6Pcs Auto Seal & Hose Remover Kit  
6件油封拆卸器组

Consisting of six (6) hose removal tools which consists of three (3) 10", soft-handled tools and three (3) 15", soft-handled tools, each with a hard end-cap.

They are made of heat-treated, chrome steel with assorted tip shapes. Ergonomic handle design fits properly in the hand, allowing for easier holding of the tool. Hose removal tools can also be used on upper and lower radiator hoses, clips, washers, gaskets and other items. Packaged in a molded tray which can be placed in tool drawer.



**DN-C1001**  
12pcs Oil Drain Plug Key Set  
四角六角出油组

Tool kit for removing oil drain plugs from most European design vehicles. Consists of:  
1pc T-bar with 3/8" Drive.  
1pc Drain plug Socket-Hex3/8"  
1pc Drain plug Socket-Hex8mm  
1pc Drain plug Socket-Hex9mm  
1pc Drain plug Socket-Hex10mm  
1pc Drain plug Socket-Hex12mm  
1pc Drain plug Socket-Hex14mm  
1pc Drain plug Socket-Hex17mm  
1pc Drain plug Socket8mm  
1pc Drain plug Socket3/8"  
1pc Drain plug Socket11mm  
1pc Drain plug Socket13mm



**DN-C1014**  
21pcs Oil Drain Plug Key Set  
21件四角六角出油头组

Suitable for sump plugs on engine, gearbox and back axle  
Contents:  
Hex key socket: 8, 9, 10, 12, 13, 14, 17 mm  
Square socket: 5/16", 3/8", 7, 8, 10, 11, 12, 13, 14 mm  
Torx socket: T45  
Triangular socket: 10mm  
Spline (TAMPER) socket: M16  
Square drive socket: 10mm  
3/8" drive sliding T-handle



**DN-C1012**  
8pcs Diesel Injector Seat Cutter Set  
8件喷油嘴座清洗刀

Centring pilot: 7mm  
Reamer Sizes & Applications: 15mm Flat, Various Vehicles, 17mm Flat, 2, Delphi/Bosch (BMW, PSA, Ford), Bosch (Mercedes CRD), 17mm Angled\*2, (Fiat, Iveco)



### DN-C1013

#### 10pcs Diesel Injector Seat Cutter Set 10件喷油嘴座清洗刀

This set of four Diesel Injector cutters ensures that the injector seat is bored to the exact dimension when replacing or reconditioning the diesel injectors includes: 15mm x 19mm Flat Reamer for Universal Injector  
17mm x 17mm Flat Reamer for Delphi/Bosch Injectors (BMW/PSA/Renault/Ford.)  
17mm x 17mm Angled Reamer  
17mm x 19mm Flat Reamer Mercedes Benz CRD  
17mm x 21mm Angled Reamer Fiat Iveco r  
18mm x 21mm Flat Reamer 20mm x 21mm Flat Reamer  
Centering Pilot post 15.5 X 225mm Cutter  
19mm T Handle 135 x 160mm Hex key



### DN-A1015

#### 13pcs Craftsman Impact Driver 13件打击起子组

Great product for loosening over-tightened or corroded screws - or when extra tightening torque is needed. Able to convert the momentum of hammer to the twisting force of screwdriver, pulling out the hard-to-remove screw



Item No.	Model	Driver	Bit Sizes
DN-A1015	13pc	1/2" driver with comfortable grip	5, 6, 8mm slotted, NO 1, 2, 3 Phillips, No. 1, 2, 3 Pozis
DN-A1016	6pc	1/2" driver with comfortable grip	7, 8MM Slotted, No. 1, 2, 2 Phillips

### DN-E1024

#### Torx Bit Set 15件H10系列批头组



Item No	Name	Content
DN-E1024	15PC Hex Bit Set	14PC 10L875L "H10" HW4-5-6-7-8-10-3MM
DN-E1024-B	15PC Torx Bit Set	14PC 30L&75L "T20, T25, 30, 40, 45, 50, 55" 1PC Bit Holder 1/2" DR "10mm
DN-E1024-C	10PC Spline Bit Set	10PC 30L&75L "M5-6-8-10-12MM" 1PC Bit Holder 1/2" DR "10mm

### DN-A1017

#### 40pcs Torx Bit Set 40件星批



hex bits H4, H5, H6, H7, H8, H10, H12 : 30mm long, hex bits H4, H5, H6, H7, H8, H10, H12 : 75mm long, spline bits M5, M6, M8, M10, M12 : 30mm long, spline bits M5, M6, M8, M10, M12 : 75mm long, torx bits T20, T25, T30, T40, T45, T50, T55 30mm long, torx bits T20, T25, T30, T40, T45, T50, T55 75mm long, drive socket adaptors: 1/2" & 3/8"

### DN-A1018

#### 40pcs Torx Bit Set 40件星批



### DN-A1019

#### 54pcs Torx Bit Set 54件星型批组

Shallow and deep 30mm and 75mm long respectively - 1/2" and 3/8" drive socket adaptors so will fit any 1/2" and 3/8" ratchet / bar / gun etc.  
SET INCLUDES THE FOLLOWING  
Hex / Allen key bits - 30mm long - 4mm / 5mm / 6mm / 7mm / 8mm / 10mm and 12mm  
Hex / Allen key bits - 75mm long - 4mm / 5mm / 6mm / 7mm / 8mm / 10mm and 12mm  
Torx bits - 30mm long - T20 / T25 / T30 / T40 / T45 / T50 and T55  
Torx bits - 75mm long - T20 / T25 / T30 / T40 / T45 / T50 and T55  
Spline bits - 30mm long - M5 / M6 / M8 / M10 and M12  
Spline bits - 75mm long - M5 / M6 / M8 / M10 and M12  
Tamper torx bits - 30mm long - T20 / T25 / T30 / T40 / T45 / T50 / T55  
Tamper torx bits - 75mm long - T20 / T25 / T30 / T40 / T45 / T50 / T55



### DN-A1133

#### 39 pcs Turnbuckle For Shock Absorber Top Lid 39件减震器顶盖拆卸器

Unique and comprehensive set of tools for servicing the shock absorber of spring/strut assemblies. Suitable for a wide variety of vehicles and an essential tool for use with most strut and spring compressors. High quality Chrome Vanadium sockets and strut nuts with 22mm hex drive. Specialist bits with 10mm hex drive made from high grade chrome alloy steel. Supplied in carry-case with application chart. Comprehensive set of tools for servicing the shock absorber.



### DN-E1016

#### Rim Protective Wheel Socket Set 铝圈防伤套筒组

Thin wall deep impact sockets are designed to allow easy access to recessed wheel nuts where space is limited. With additional outside plastic sleeve to protect the rims when screwing the wheel screws  
Size: 1/2" Dr. x 17, 19, 21mm, 85mm(L)  
Material: Cr-Mo.



### DN-E1017

#### 7pcs Lambda Sensor Socket Set 7件氧杆感应套筒

Special socket for removing oxygen sensor.  
Contents: 1/2" DR. \*29mm\*90mm(L 7mm slot) #1; 1/2" DR. \*27mm(12pt)\*82mm(L 3/8" DR. \*7/8" 9\*0mm(L 20mm slot); 3/8" DR. \*1-1/16" \*74mm(L); 3/8" DR. \*7/8" \*80mm(L 7mm slot); 1/2" DR. \*22mm\*50mm(L 90°) 3/8" DR. \*22mm\*31mm(L 90°).



### DN-E1018

#### 10 pcs Lambda Sensor Socket Set 10件氧化套筒

Remove oxygen sensors, injectors, oil pressure sending units and vacuum switches. Heat-treated chrome vanadium and chrome molybdenum steel with black oxide finish  
Accepts either 3/8" or 1/2" drive ratchet depending on the size of the socket  
Set includes: ;  
Two 7/8 in. x 3/8 in. drive Vacuum Switch Sockets  
29mm x 1/2 in. drive Vacuum Switch Socket;  
7/8 in. x 1/2 in. drive Long-reach Vacuum Switch Socket;  
1 in. & 1-1/16 in. x 3/8 in. drive Oil Pressure Sending Unit Socket;  
7/8 in. x 3/8 in. drive Oxygen Sensor Socket;  
7/8 in. x 1/2 in. drive Oxygen Sensor Socket;  
7/8 in. x 1/2 in. drive Injector Socket;  
27mm x 1/2 in. drive Injector Socket;  
28mm x 1/2 in. drive Injector Socket.



### DN-E1019

#### 3pcs Lambda Sensor Socket Set 3件氧化套筒

Universal Slotted Socket to Service Hex Vacuum Switches and Oxygen Sensors.  
3/8" and 1/2" Drive, 22mm/7/8"



### DN-B1043

#### 7pcs Wheel Bearing Locknut Socket(1/2") 7件驱动轴轴承套筒

7-Piece Wheel Bearing Locknut Socket Set For use with 1/2" ratchet or breaker bar.  
Contents of set:  
DN-B1043-1 - 2-3/8" hex locknut socket works on 1984-92 Ford Rangers and Bronco IIs with automatic locking hubs. Similar to Ford 205-040 (T70T-4252-B).  
DN-B1043-2 - 2-9/16" rounded hex locknut socket works on 1990-93 Dodge trucks with Dana 60 manual hubs.  
DN-B1043-3 - 2-1/2" hex locknut socket fits the hex nut found on rear axles and various front axle applications on light-duty trucks.  
DN-B1043-4 - 2-3/4" rounded hex locknut socket works on 3/4-ton and 1-ton Ford F-250 and F-350 trucks with automatic locking hubs. Similar to Ford No. 205-349 (T95T-1197-B).  
DN-B1043-5 - 2-1/2" rounded hex locknut socket works on 1995-96 Ford F-150 trucks and full-sized Broncos with automatic locking hubs. Similar to Ford 205-348 (T95T-1197-A).  
DN-B1043-6 - 2-3/8" rounded hex locknut socket works



### DN-E1085

#### 5 PC 1/2" DR Wheel Impact Socket Set 5件轮胎防护套筒

Engineered for use on high end chrome and aluminum plated wheels. Made of quality Chrome Molybdenum (CrMo) steel  
Sleeve and inner cap made of plastic to prevent scratching  
Color coded and stamped for easy identification  
Drive: 1/2"



### DN-E1020

#### 30pcs 1/2" DR EX-LONG HEX BIT SOCKET SET 30件梅花套筒

9-55mmL: HW5-6-7-8-10-12-14-17-19  
8-100mmL: HW5-6-7-8-10-11-12-13  
7-140mmL: HW5-6-7-8-10-12-14  
6-200MM: HW5-6-7-8-10-12



### DN-E1021

#### 26pcs Bit Socket Set 26件梅花套筒

"MatenaTi 10mm bit S2 steel over 12mm (shank) bit CR-V steel CR-V tip bit socket set.  
8-55mmL: M5-6-8-9-10-12-14-16  
7-100mmL: M5-6-8-9-10-12-14  
7-140mmL: M5-6-8-9-10-12-14  
4-200MM: M8-10-12-14  
all in blow mold case"



### DN-E1022

#### 32pcs Torx Tip Bit Socket Set 32件梅花套筒

Material: 10mm bit-S2 steel over 12mm (shank) bit CR-V steel CR-V tip bit socket set  
10-55mmL:  
T-20, 25, 27, 30, 40, 45, 50, 55, 60, 70  
10-100MML:  
T-20, 25, 27, 30, 40, 45, 50, 55, 60, 70  
6-140mmL: T-40, 45, 50, 55, 60, 70  
6-200mmL: T-40, 45, 50, 55, 60, 70  
All in blow mold case



### DN-E1079

#### 3pcs Pentagon Socket Set 3件五角套筒

Specialist socket set for Bendix and Lucas brakes  
Specifications:  
1/2" drive  
CR-V  
Blow moulded case  
Contents:  
19mm pentagon socket  
14mm pentagon socket  
10mm pentagon bit



**DN-G1001****Radiator Water Pressure Tester  
14件水箱测漏仪**

Features:  
Cooling system pressure testing kit with an updated selection of adaptors (12PCS) to fit popular European and Japanese vehicles. Quick-release couplings and a high-powered pump with large, easy-to-read dial are featured in this kit and the kit is packed in a large blow molded case. 12pcs high quality (with different colour) aluminum radiator for easy use. Come with a storage case for easy carry.

**DN-G1022****Cooling System & Radiator Cap Pressure Tester  
22PC水箱测漏仪**

Ideal to Use in Testing Radiators and Radiator Caps  
Confirms Radiator and Cooling Systems Leaks.  
Test Radiator Caps for Proper Operation Include:

- 14pc Color Cap
- 2pc Cap Adapter
- 2pc Hoses
- 1pc T connector
- 1pc hand pump with gauge (0-35psi)
- 2.3 cap adaptors (testing the pressure cap)
- 4.5cap adaptors (testing the pressure cap)
- Tshape joint 5/16, 3/8
- Oil hose 5/16, 3/8
- Hose clamp 2pcs
- 1pc (Yellow) Blow Molded Storage carrying Case
- Instruction or manual is not included

**DN-G1025****Cooling System & Radiator Cap Pressure Tester  
27PC水箱测试器**

Allows easy testing for leakage in radiator system and quick change of coolant  
Unit is suitable for domestic and import vehicles  
Color coded radiator test caps make it easy to choose the suitable test cap for the job  
Special design of vacuum purge as an air lift function & refill tool connection fits nearly all type of radiator opening  
Set includes:  
Pressure Testing Pump with Hose, Quick Coupler with Pressure Release, and Gauge: Test Range 0 – 35 psi (0 – 2.5 bar)  
1pc. Blue and 1pc. Black Radiator Cap Test Adaptors to test for original radiator cap leakage  
17pcs. Test Caps for testing cooling systems on most domestic and import vehicles  
Vacuum Type Cooling System Purge and Refill Tool Kit for quick change of coolant  
Universal Adapter  
Temperature Gauge

**DN-G1026****Cooling System & Radiator Cap Pressure Tester  
18PC水箱测试器**

Test cooling system for leaks.  
Includes hand pump, test head in a blowmold case.  
Suit for: Chrysler, Ford, GM, Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Lexus, Honda, Audi, BMW, Mercedes Benz, Jeep, SAAB, Volvo and VW

**DN-G1020****Hand-Held Vacuum Pump  
手动真空泵**

Hand-held vacuum pump  
Attach many kinds of joint to fit most kinds of vehicles.  
The body has the switch to control two kinds of pressure conditions.  
Include the parts of brake bleeder.

**DN-G1021****Hand-Held Vacuum Pump  
正负压真空泵**

Checks vacuum/pressure operated automotive components.  
Can be used to bleed hydraulic systems or siphon fluids.  
Detailed use instructions and photos inside of case.

**DN-G1003****Hand Held Vacuum Pump  
手动真空泵**

A multi-function vacuum diagnostic tool with robust compact design  
Used for diagnosing faults commonly found on vehicle systems including fuel, ignition, transmission and emissions  
Kit includes reservoir, hoses and adapters for bleeding brake and clutch systems on cars, commercials and motorcycles

**DN-G1008****Pressure Meter For Engine Oil  
多功能机油压力检测仪表**

Adapters For domestic & foreign cars.  
24" flexible hose.  
Pressure scale: 0-100psi/0-700 kpa.

**DN-G1009****Automatic Wave-box pressure Meter  
自动变速箱压力表**

Dual gauge reading: 0-500psi (0-35 bar).  
Designed to check engine oil pressure in both cars and trucks.  
Easy to read dual scale gauge, complete with 59"(1500mm) of oil proof hose with 18/NPT.  
Also includes 1/4"NPT AND 3/8"NPT adaptors.

**DN-G1010****Cylinder Pressure Meter For Diesel Truck  
柴油汽缸压力表**

Quick connect/disconnect feature allows one gauge to be used with variety of quick adaptors for most popular diesel engines  
Push pressure scale: 0->1000PSI 0->70 Bar

**DN-G1011****Cylinder Pressure Meter For Diesel Truck  
柴油汽缸压力表**

Quick-connect adapter  
Push pressure scale: 0 <> 1000 PSI, 0 <> 7000 KPA  
Reads pressure from 0 to 1000 PSI  
2-9/16" diameter gauge  
Thumb button air release  
Comes with adaptors for GM, Ford, Lincoln, Isuzu, Mercedes, Kubota, Toyota, Volkswagen Peugeot

**DN-G1012****Oil Combustin Spraying Pressure Meter  
燃油喷射压力表**

2.5" diameter gauge with dual scale.  
Not for CIS-Jethronic/G M throttle body systems.  
Comes with rubber hoses, fittings and clamps.  
Gauge reads 0-100 psi, 0-7 bar

**DN-G1014****Oil Combustion Spraying Pressure Meter  
燃油压力表**

Tester checks the amount of leakage in an engine cylinder & helps determine the source.  
\*Best used when comparing a suspect cylinder to a known good cylinder on same engine  
\*Ideal for testing trucks and late model cars where clearance is minimal.  
Fuel injection pump pressure gauge  
Test gasoline fuel pump pressure on most fuel injection equipped vehicle (Except for CIS-Jetronic, Bosch and GM throttle body systems)  
Gauge calibrated from 0 - 140 PSI (0-10 bar)  
Indicates if fuel pump is defective or inconsistent in pressure flow

**DN-G1015****Vacuum & Fuel Pump Compression Tester  
真空压力表**

Large 3-1/2" diameter gauge with color-coded easy-reading scales.  
Extra long heavy-duty rubber hose and 14mm/18mm manifold adapter.  
Checks for worn of defective parts in fuel pumps, vacuum system.  
pressure: 0-28in HG vac 0-70cm HG vac 0-10 psig

**DN-G1017****Oil Pressure Test Kit  
机油表**

Testes oil pump pressure and also low warning devices.  
Fitted with quick coupling adaptors and 1200mm of hoses.  
Includes 90° coupling adaptor for limited access applications.  
Adaptors: R1/8 DIN 2999, 1/8" 27 NPT, 1/4" 18NPT, 3/8" 1.5, M16" 1.5, M18" 1.5mm, 90° Elbow.

**DN-G1032****Petrol Engine Compression Tester  
汽油引擎压力测试组**

Extra heavy duty compression tester with all the necessary adaptors to suit motorcycles, cars, trucks.  
Adaptor Sizes: 10mm, 12mm, 14mm, 14mm long & 18mm  
Spark Plug Thread Chasers: 10 x 12mm & 14 x 18mm

**DN-G1033****Cylinder Pressure Meter For Diesel Truck  
汽油/柴油两用气缸压力表**

A comprehensive kit for testing the compression on both petrol and diesel vehicles.  
Features 600psi gauge with large rubber bumper, straight and right and right angled quick connect fittings and an extensive range of spark/plug and injector adaptors.  
This kit will cover most modern car, van, truck, bus, agricultural and marine engines.  
Spark plug Sizes: 10, 12, 14, 18mm.  
Glow Plug Adaptors: Alfa Romeo, BMW, Chrysler, Citroen, Daewoo, Fiat, Ford, Honda, Hyundai, Isuzu, Jeep, Kia, Lada, Lancia, Land Rover, LDV, Mazda, Mercedes, MG, Mitsubishi, Nissan, Peugeot, Renault, Rover, Saab, Saangyong Suzuki, Toyota, VAG, Vauxhall, Volvo.  
Injector Adaptor: M20, M22, M24 & Ford Stanadyne injectors plus clamp-on injectors.



### DN-G1004

#### Cylinder Compression Tester 气缸压力表

Use on all types of foreign and domestic gasoline engines to check valves, rings and detect excessive carbon and timing issues. Simply thread the spark plug adapter into the engines spark plug socket to check pressure and help identify engine performance issues. Easy to read 2 1/2 inch gauge dual colour scale that reads in both lbs and kgs (0-300 lbs, 0-21 kgs)



### DN-G1005

#### Engine Cylinder Compression Tester 气缸压力表 (汽油油通用)

Check valves and rings, inspect for carbon buildup and late timing. Adapters for a wide number of vehicles (spark plug types/depths) Kit includes 2 rubber cones ends for quick check (no need to thread into head). 3" Gauge has dual color scale with 0-300 PSI, 0-20 kPa. Gauge will hold pressure values and has quick push button release valve. Fittings: M10, M12, M14, M16 (Male, With "O" Ring). Includes 14mm and 18mm spark plug adapters. Includes use manual with technical support. Comes with 1/2" diameter x 14" extension hose, straight and angled fittings, rubberized gauge protector and a blow mold case.



### DN-G1006

#### Petrol Cylinder Compression Tester Kit 汽油气缸压力表

Easy-reading 2-1/2" diameter gauge features color-coded quadruple calibrations with 0-300 psi, 21 kg/cm, 21 bar & 2100 kpa. 13" durable rubber hose with 14mm / 18mm adapter. 6" heavy-duty stem with universal rubber cone adapter fits all plug holes. Helps identify worn piston rings or cylinder head. For use on most petrol engines



### DN-G1013

#### Oil Combustion Pressure Meter 燃油压力表

Comprehensive kit of adaptors and fittings for most fuel injection systems. 3-1/2" gauge with dual scale (psi and bar), reading from 0-140psi and 0-1 Obar. Hanging hook and protective bumper specially for gauge. Pressure release valve fitted with long drain hose allows safe recovery of pressure and fuel.



### DN-G1016

#### Cylinder Leak-down Compression Tester Kit 双表气缸测漏仪

1. Tester checks the amount of leakage in an engine cylinder & helps determine the source.  
2. Best used when comparing a suspect cylinder to a known good cylinder on same engine.  
3. Ideal for testing trucks & late model cars where clearance is minimal.  
4. Equipped with 2-1/2" input pressure gauge for proper leakage test setup and accurate results.  
Designed to detect a variety of common engine faults including: Worn piston rings, worn valves, cylinder head cracks and blown head gaskets. Twin gauge manifold shows percentage of cylinder leakage and cylinder pressure. Suitable for use on any petrol engine with 10, 12 or 14mm spark plugs.



### DN-D1072

#### Tire Pressure Gauge 胎压计

The gauge shown features a swivel angle chuck, 0-200 psi, and is the perfect gauge for most cars, trucks motorcycles and bikes. The hose is covered with a soft braid so it will not scratch expensive rims, wheels etc. The dial is surrounded by a protective rubber guard in case the unit is dropped. The push button valve bleeds air to desired tire pressure. Accurate measurement. Marked with LBS and KPS. Most cars are between 28-35LBS (28-35LBS/SQ.IN)



### DN-D1073

#### Engine Compression Test 发动机诊断器

Designed for dry and wet automotive cylinder compression testing, to detect ring or cylinder head problems, sticking valves, blown head gasket(s), and more. Pressure gauge has a large easy-to-read face, and includes hose and adapters for testing engines with 14 mm and 18 mm short thread, and 14 mm long thread spark plugs. Not for use on diesel engines.



### DN-G1028

#### Master Cylinder Brake Bleeder Adapter Kit 汽缸接头组

For use with BRAKE BLEEDER #7015. IT IS AVAILABLE IN OUR OTHER LISTING. Adapts to other brands with special quick-coupler (INCLUDED). All adapters available individually



### DN-G1040

#### Pneumatic Fluid Extractor(9L) 9L手动抽接油机

2. Manual fluid extractor, can be used to extract many kinds of non-explosive liquids.  
3. Completely using hand pump when you without shop air.  
4. New safety design, when the tank is full of liquid, the mechanism will be shut off automatically.  
5. One man, fast, clean and easy operating.  
6. None electric spark, safety for workshop.  
DESCRIPTION: MANUAL FLUID EXTRACTOR(9 LITERS)  
CAPACITY: 9.0 L  
PACKAGE COLOR BOX



### DN-G1041

#### Pneumatic Fluid Extractor 5.5L抽接油机

1. A versatile, portable, air operated Fluid Extractor for extracting fluids from crankcases, transmission case, cooling systems and power steering reservoirs.  
2. This ideal tool designed to be used with many kinds of non-explosive liquids.  
3. Completely automatic using normal shop air.  
4. New safety design, when the tank is full of liquid, air inlet mechanism will be shut off automatically.



### DN-G1042

#### Pneumatic Brake Bleeder Kit 气动刹车油交换机

This brake bleeder kit is suitable for bleeding brake and clutch systems for vehicles with an ABS system. You'll be able to perform a one-man operation possible in your own garage, and it is suitable for a professional workshop. The bleeder uses standard workshop air supply (10 - 40 psi) to efficiently flush and refill the brake system on most vehicles. The low pressure tank can be pre-charged with compressed air, making the unit fully portable. This brake bleeder kit is a great time saver, especially if you service brakes on a regular basis. Contains a wide range of European, Japanese and US vehicle adaptors. Includes 1 adaptor kit, 1 bleeder tank with a pressure gauge, 1 collection bottle, and 1 fluid hose with a quick connector.



### DN-G1043

#### ATF Oil Extractor & Dispenser 9升气动抽排二用加油机

Use to extract, transfer and dispense fluid quickly, safety and cleanly. Non-spark, one man in same step can operate. Provide with the safety valve, pre-setting 43 psi (3 Bar), the exceed pressure will be relief automatically. Provide with the pressure gauge, can be read & control the pressure in the tank more easily. 8.5L capacity reservoir with volume guide. With 1M Nylon hose & Dispenser 2M PU hose w/one touch controller gun for easy operating. With 8 pcs one touch adapters for ATF oil transportation and Screw valve to allow easy change the action of extractor or dispenser. High flow control valve for extract fluid more quickly. Handle trigger with lock. Air inlet: 1/4" Working pressure: 40 ~ 170 PSI Avg. Air Cons: 2 CFM Max.capacity: 8500 C.C Temperature range: -3F ~ 140F



### DN-G1044

#### Refilled Bottle 1升补油罐

Automatic refilling of the master cylinder reservoir while bleeding. CAPACITY: 1.0 L



### DN-G1034

#### 6L Pneumatic ATF Oil & Liquid Dispenser With 13Pcs ATF Adaptor

#### 6L双向气动油/液体更换机

Use to extract, transfer and dispense fluid quickly, safety and cleanly. Non-spark, one man in same step can operate. Provide with the safety valve, pre-setting 43 psi (3 Bar), the exceed pressure will be relief automatically. Provide with the pressure gauge, can be read & control the pressure in the tank more easily. Provide 2 way control valve for dispensing more safety. 6L capacity reservoir with volume guide. Nylon hose X 1M & Dispenser 2M PU hose w/one touch controller gun for easy operating. With 8 pcs one touch adapters for ATF oil transportation. Screw valve to allow easy change the action of extractor or dispenser. High flow control valve for extract fluid more quickly. Copper material and one touch coupler design for easy operating. Handle trigger with lock.



Item No	Max.capacity	Air inlet	Avg.Air cons	Temperature range
DN-G1034	6000 C.C	1/4"	2 CFM	-3F ~ 140F
DN-G1035	8000 C.C	1/4"	2 CFM	-3F ~ 140F

### DN-G1037

#### Engine Oil filling Funnel(aluminum)/DN-G1074(Plastic) 汽车发动机机油加油漏斗

Topping-up funnel is made of strong plastic with bayonet fitting. Allows for fast oil filling without spillage or waste. Great for vehicles with internal baffles or shields. Color-coded adapters fit oil filler holes on many European, Asian, and US vehicles. 2 liter universal funnel fits all adapters. Special angled extension with locking design allows access in hard-to-reach applications. The funnel with the matching connector adapter is mounted in place of the sealing cap on the oil filter cap on the valve. To prevent unintended dripping oil on the cylinder head, cylinder block, intake manifold/exhaust manifold...etc.



37

**DN-G1036**  
**Pneumatic Brake Fluid Dispenser**  
**1L气动刹车油抽油机**

Brake fluid bleeder works with your air compressor to quickly assist in your brake bleeding! Flush and refill the entire brake system by yourself with this brake fluid bleeder.  
34 oz Waster Brake Fluid Tank  
24 oz New Fluid tank that inserts into your master cylinder with provided adapters  
Air requirement: 90 to 120 PSI. Air inlet: 1/4"- 18 NPT



**DN-A1051**

**Flexible Hose Clamp Pliers**  
**水管束夹钳**

Reinforced long reach tool designed to get to awkwardly positioned tag type hose clips. Flexible cable and compact head help operation in confined spaces. Features ratchet action for close control.  
Flexible Shaft Length: 500mm



**DN-B1048-A**

**Hose Clamp Pliers**  
**油线管钳**

Long reach tool designed to get to awkwardly positioned tag type hose clips. Flexible cable and compact head help operation in confined spaces. Features ratchet action and vinyl dipped handles for comfort and close control.  
Flexible Shaft Length: 630mm



**DN-A1124**

**Adjustable Piston Ring Expander Pliers**  
**活塞环剥开钳**

These simple pliers include tips designed to capture the ends of piston rings to hold and expand them securely while installing onto pistons.  
Capacity:  
3/64" to 1/4" thickness.



**DN-B1002**

**Wheel Weight Plier**  
**平衡钳**

For removing & installing wheel weights.  
The drop forged heat treated tool is balanced and heavy to swing like a hammer. Designed for tough usage.



**DN-B1003**

**Wheel Weight Plier**  
**平衡钳**

For removing & installing wheel weights.  
The drop forged heat treated tool is balanced and heavy to swing like a hammer. Designed for tough usage.



**DN-B1020**

**9" Fuel Feed Pipe Fitting Pliers**  
**油线管钳**

These Special shaped pliers remove & replace the connection fittings on the in-line fuel filter line when replacing the filter or during engine service. They are suitable for use on Alfa Romeo, Audi, Volkswagen, Fiat, Lancia, Volvo and many other vehicles that use this type of connection.  
Filled with comfort grip insulated handles.  
Length: 9"(220mm)



**DN-H1041**

**Fuel Line Pliers**  
**油管接头专用钳**

For removal and replacement of the connections on the in-line fuel filter. Required when replacing the fuel filter or during engine repairs. Suit for VW/Audi, Fiat, GM, Opel, Mercedes.



**DN-B1048**

**9pcs Hose Clamp Pliers**  
**9件油线管钳组**

All the hose clip tools you are likely to need in one case. Comprehensive set features heavy-duty construction with ratchet locking mechanism on most pliers. Vinyl dipped handles give additional comfort.  
Contents: Remote Action Hose Clip Tool, Swivel Jaw Spring Wire Clip Pliers, Swivel Jaw Band Clip Pliers, Angled Band Clip Pliers, Flat Band Clip Pliers, Clic-R® Type Pliers, Hose Removal Pliers, Hose Pick, Double End Screwdriver



**DN-M1007**

**10 pcs Double Flaring Kit**  
**10件扩孔器组套**

1/8-3/4"/Swaging Punch  
3/16", 1/4", 5/16",  
3/8", 1/2", 7/16", 5/8";  
Metric:  
5mm, 6mm, 8mm, 10mm,  
12mm, 14mm, 16mm



**DN-M1013**

**Double Flaring Kit**  
**扩孔器组套**

Includes 5 adaptors for 3/16" to 5/8" pipes  
Produces double or single flare



**DN-M1019**

**Double Flaring Tool Kit**  
**扩孔器组套**

3/16-1/2"/Double Flaring Tool Kit  
Designed for double or single flare aluminum, soft steel brake line, (to 45 degrees).  
Includes five adaptors 3/16" through (4.8 mm through 12.7 mm).  
Chrome swivel, made of alloy steel.  
Forged yoke made of heat-treated a blow-molded storage case.



**DN-M1001**

**3pcs Exhaust Pipe Expander Set**  
**汽车尾管扩张器**

Ideal for fitting aftermarket components to standard exhausts. Used to expand a length of pipe in equal proportions so the pipe is the same diameter and not tapered. Ensures A perfect fit with on leaks and also removes dents and clamp marks. Supplied in carry-case.  
capacity:  
Small:30-44mm  
Medium:38-61mm  
Large:55-85mm  
Drive: Small:16mm Hex  
Medium:17mm Hex  
Large:19mm Hex



**DN-B1035-A**

**Mechanic's Creeper**  
**修车躺板**

Low profile for greater under vehicle clearance.  
Features six Ø75mm swivel castors for easy manoeuvrability.  
size:80cm



**DN-B1035-B**

**Mechanic's Creeper**  
**修车躺板**

One piece, moulded high impact polymer creeper with two integral tool trays and padded headrest.  
Low profile for greater under vehicle clearance.  
Features six Ø75mm swivel castors for easy manoeuvrability.



Item No	Size
DN-B1035-B	36"
DN-B1035-C	40"

**DN-F1011**

**11-Piece Trim Tool Kit**  
**11件汽车内饰拆装工具**

11-Piece Trim Tool Kit  
Includes 11 specialty tools designed to remove trim strips, panels, wheel caps, bezels, liners, shrouds, fascia, and more...  
Tools are constructed of durable, impact-resistant nylon that will not damage non-metal interior trim surfaces.  
Cloth pouch rests flat on a dashboard or fender for easy access to tools and then folds up with tools inside for storage.  
Kit has multiple applications in the automotive, aviation marine, and other industries.



**DN-F1009**

**Trim Fastener and Molding Removal Set**  
**5件汽车内饰拆装工具**

Set includes five different sizes and styles of tools that allow easy removal of trim fasteners, moldings, and wheel hubs. Tools are made of plastic to prevent damage to trim, moldings, alloy wheels, or vehicle paint.  
Can be used on trim fasteners and moldings inside, or outside, the vehicle.



**DN-F1001**

**Funnel**  
**四件套漏斗**

Durable, lightweight, smooth, easy to handle. 4 different sizes can meet your needs of usage.  
Great to filter liquid, oil, etc.  
Material: PP  
Color: Red or blue  
Diameter: 5.3cm(XS), 7.2cm(S), 9.5cm(M), 11.7cm(L)



**DN-F1002**

**Rubber Wheel Chock**  
**轮挡**

PVC/Prevents vehicle from moving by keeping wheel in place.  
Ideal for roadside emergencies.  
Keep in your boot or tool box for easy access and convenience.  
Fit for car, truck, trailer or other wheel tire of vehicles.



**DN-F1003**

**2 pc Funnel With Detachable Spout**  
**二合一漏斗**

- with sieve  
- flexible detachable neck, 290 mm long  
diameter:140 mm



**DN-F1004**

**Oil Drain Pan**  
**15L弯嘴油盆**

The black drain pan is used to collect oils; the green to collect water-based fluids to prevent cross contamination. Anti-splash lip, large handles and enclosed spout helps reduce spillages. Diameter 450mm. high:145mm



**DN-F1014**

**27Pc Trim Tool Kit**  
**27件汽车内饰拆装工具**



**DN-F1005**  
**Oil Drain Pan**  
圆油盆

The black drain pan is used to collect oils; the green to collect water-based fluids to prevent cross contamination. Anti-splash lip, large handles and enclosed spout helps reduce spillages.



Item No	Size	Diameter	High
DN-F1005	7L	370mm	100mm
DN-F1006	8L	380mm	110mm

**DN-D1012**  
**Nut Splitter**  
4件螺母破切器

Splits rusted hex nuts up to 1.1/16inch (27mm) across the flats.  
Flat round head design allows tool to be used in inaccessible areas.  
Cutting blade and forcing screw head have a ball joint drive to prevent binding under load. Does not damage the bolt threads.  
Sizes:  
5/16"-1/2"(9-12mm)  
1/2"-5/8"(12-16mm)  
5/8"-7/8"(16-22mm)  
7/2"-11/8"(22-27mm)\*



**DN-D1104**  
**Universal C-Frame Nut Splitter**  
综合型螺母取出器

Forged and heat-treated frame with offset handle works where ordinary nut splitters may fail. Smooth action cracks nuts without damaging bolt threads.  
Chisel rotates to line up parallel to bolt.  
Splits non-heat-treated nuts of 7mm to 22mm diameter.



**DN-D1059**  
**4pcs Steering Rack Knuckle Tool Set**  
4件套轴接头工具

This tool set allows a quick and easy removal and replacement of the inner steering ball joint without the need to dismantle the steering rack from the bulkhead. Automatic clamping of the joint heads 3 exchangeable drive head range:30-35mm,35-40mm,40-45mm. Works with 1/2"ratchet or 27mm socket.



**DN-D1038**  
**Steering Rack Knuckle Tool**  
轴接头工具

Remove and replace the axial joint  
Hex part on the end of tool: work with 27mm wrench or 1/2"DR. ratchet  
L:400mm  
Capacity:Φ35-45mm



Item No	Length	Capacity
DN-D1038	400mm	35-45mm
DN-D1038-A	400mm	28-35mm

**DN-A1048**  
**Valve Lappers**  
2件手动研磨器

A pair of valve lappers with 4 different size suction cups 16 | 20 | 29 | 35mm, shaft lengths:210,225mm



**DN-D1017**  
**13pcs Heavy-Duty Body Pry Bar**  
13件撬棒

Item No	Range(mm)
DN-D1017-1	240*14"
DN-D1017-2	450*20"
DN-D1017-3	900*36"
DN-D1017-4	750*30"
DN-D1017-5	600*24"
DN-D1017-6	580
DN-D1017-7	560
DN-D1017-8	137*255
DN-D1017-9	125*255
DN-D1017-10	92*110
DN-D1017-11	48*110
DN-D1017-12	70*110
DN-D1017-13	68*110



Item No	Contents
DN-D1015(7PC)	DN-D1017-1/2/3/4/5/6/7
DN-D1019(9PC)	DN-D1017-1/2/3/4/5/6/7/8/9
DN-D1018(6PC)	DN-D1017-8/9/10/11/12/13

**DN-D1035**  
**Pry Bar Tool**  
轮胎撬棒



Item No	Length	Thickness
DN-D1035-6	8"	6MM
DN-D1035-7	10"	6MM
DN-D1035-8	12"	6MM
DN-D1035-9	14"	6MM
DN-D1035-10	16"	6MM
DN-D1035-A-5	20"	8MM
DN-D1035-A-6	24"	8MM
DN-D1035-A-7	28"	8MM
DN-D1035-A-8	16"	8MM
DN-D1035-A-9	18"	8MM
DN-D1035-B	20"	10.5MM
DN-D1035-B-1	24"	10.5MM
DN-D1035-B-2	28"	10.5MM

**DN-A1014**  
**Chrysler Fuel Pump Module Wrench**  
汽油箱盖拆卸器

Removes and installs the fuel pump retaining ring that holds the fuel pump module onto the gas tank.  
Works on most 1994-2005 Chrysler vehicles, and 1995-2004 Jeep vehicles.



**DN-A1139**  
**Adjustable Fuel Tank Lid Remover Wrench**  
For BMW,VW,AUDI  
可调汽油箱盖拆卸器

Removes and installs the fuel pump retaining ring that holds the fuel pump module onto the gas tank  
Tool is Chrome Plated Steel with 3/8" and 1/2" ratchet drives - 1/2" adapter included  
Radius'd Spanner grips are Black Oxide Steel  
Spanner tool range is 2" (50mm) to 7-1/4" (185mm) adjustable



**DN-A1062**  
**Fuel Sender Spanner**  
三爪式机油箱盖拆装器(调整型)

For the removal and replacement of the retaining ring on fuel tank sender units. 25mm drive bolt with 55mm long arms. Manufactured from quality steel. Display packed.



**DN-A1011**  
**Mechanic's Stethoscope**  
汽缸听诊器

Stethoscope locates the source of engine noise quickly.  
Listen for trouble by tracing the sound of flowing water, oil, gas or steam.  
Identify piston slap, worn gears, faulty valves, waterpump failure, damaged gaskets and defective bearings.  
Stethoscope has a shock-resistant handle and disassembles for storage.



**DN-D1100**  
**GM Torsion Bar Unloading Tool**  
GM扭杆拆卸工具

Rugged tool is built for GM's K-3500 series trucks with heavy duty chassis and a larger torsion bar! features a larger C-frame opening to accommodate beefier torsion bars. The tool holds the torsion bar while you make adjustments Also works on 1988 to 2003 GMC and Chevrolet 1/2, 3/4 and 1 ton pickups; the S-10 Blazer and S-15 Jimmy, 4WD pickups with 4.3L-6 engines; and 1991 to 2001 Oldsmobile Bravada.



**DN-F1033**  
**Metal Tube And Hose Cutter**  
管子割刀



**DN-A1029**  
**4pcs Expert Hose Clamps**  
U型封管夹

Special design to stop the flow without damaging the hose.  
Applicable:10MM(3/8")  
15MM(5/8")  
25MM(1")  
45MM(1-3/4")



**DN-A1050**  
**Fuel Filter Key 109mm**  
汽车油箱拆卸

aluminum/Suitable for new Opel / GM vehicles. The fuel filter key is required remove and install the fuel filter cap when replacing the fuel filter cartridge  
Fuel Filter Key Diameter: 109mm.  
Drive: 3/8" Square Drive. Profile: 109mm Diameter, 6 Teeth.



**DN-D1034**  
**CV Joint Removal Tool 95mm**  
球笼方向拆卸器

Quickly removes the CV joint from the drive shaft without damaging the joint, and keeps hands free for releasing retaining circlip.  
Reduces risk of damage to transmission. Saves on labour time and suitable for most vehicles.



**DN-E1023**  
**Door Upholstery Remover**  
胶扣起子

Easily removes plastic door upholstery clips.  
Heavy-duty steel shaft with large comfortable handle.



**DN-B1024****Hydraulic Ram Unit****液压泵**

Suitable for pulling hubs, flanges, gears and bearings



Item No	Capacitor
DN-B1024	10T
DN-B1062	10T
DN-B1065	10T
DN-B1066	1.5T

**DN-F1027****6pcs Helix Type Screw Extractor Set****6件螺丝取出器**

Manufactured from heat treated Chrome Molybdenum steel rapid acting helix aids screw removal. Supplied in storage case contents: 3-6, 6-8, 8-11, 11-14, 14-18, 18-25MM



Item No	Contents
DN-F1027(6pcs)	3-6,6-8,8-11,11-14,14-18,18-25mm
DN-F1028(5pcs)	3-6,6-8,8-11,11-14,14-18mm

**DN-F1032****Battery Terminal Spreader and Cleaner****电池夹**

dual-use pliers spread battery post clamp and tapered,ribbed tips remove corrosion and build-up from inside the the clamp

**DN-B1056****1/2 "Driving Stud Extractor****1/2英寸螺栓取出器**

Grips studs up to 3/4" diameter Removes studs, rounded nuts or bolts Cam lock system grips securely, won't bind Hardened teeth with black oxide finish Use with 1/2" drive ratchet or 1/2 drive extension.

**DN-A1169****Ford Fuel Line Disconnect Set****福特燃油管路拆卸器**

Ford fuel line disconnect is used with: W car, 1992 and newer Chevrolet Lumina & Monte Carlo; posi. Grand Prix; Olds. Cutlass supreme; Buick Regal (all with ABS); 1988 & newer Ford pickups (at fuel sending unit). Designed to disconnect fuel lines from the top of the fuel tank Non-sparking plastic fiberglass material Color coded red=5/16 and blue=3/8 Long reach for hard to get at places

**DN-A1170****Ignition Coils Puller****大众奥迪点火线圈拆卸工具**

for use on Volkswagen and Audi vehicles fitted with direct ignition engines.

For installing and removing ignition coils with power stage on the following VW vehicles ICR-01 VW Polo, Golf 1.4,1.6, Caddy 1.4, Bora 1.4,1.6, VW Beetle 1.4 petrol engines since 2003, Lupo 4 cylinder. Direct injection engine since 1999, Passat, Touran 1.6 ICR-02 VW Golf, Bora, Passat, Sharan, Touareg 6 cylinder 2003. Transporter T5 6 cylinder injection engines since 2004 ICR-03 VW direct injection engines Golf 2.0 since 2004, Touran since 2004, Passat since 2006. ICR-04 VW 8 and 12 cylinder engines. Audi direct injection engines: Audi A3 2.0 since 2004. Audi A6 3.2 since 2005.

**DN-A1198****22PC Locking Wheel Nut Key Set For BMW****22PC防盗螺丝**

Set of twenty locking keys for the removal of locking wheel nuts on BMW vehicles. Adaptor can be used with either a 1/2"sq drive or 21mm socket. Set includes drift to aid removal of key from adaptor.



Item No	Suitable
DN-A1198	BMW
DN-A1199	Mercedes-BENZ

**DN-D1129****Wrench Extender****扳手延长杆**

Will work on almost any wrench To loosen tight connections on hard to reach areas Drop forged Extra 1/2" square 13-1/2" Length

**DN-F1040****GM Thermostat Wrench****通用温控器扳手**

The GM Thermostat Wrench is designed to work on GM 3.1 and 3.4

L V6 engines years 1994 to current.

A common job on these motors is thermostat replacement

To do this you must remove the thermostat housing and in these applications the bottom-housing bolt is almost inaccessible without removing other parts – until now The GM thermostat wrench with its unique shape and design will allow users to remove and install the housing in a fraction of the time it currently takes The wrench is a 13mm, 12 point with special bends specifically for GM V6 thermostat housings

**Note:**

*Note:*

Lined writing area with 20 horizontal green lines.

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