

AUTOMOBILE REPAIR TOOLS

DONGNING TOOLS
Dongning Tools (Ningbo) Co.,Ltd

DNT[®]

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PRODUCT SELECTION GUIDE

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测试版本





公司简介 COMPANY PROFILE

宁波市鄞州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。公司的前身是宁波市鄞州任勇特种工具厂，成立至今已有十多年的历史，经过15年的磨炼和沉淀，公司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。

节约修车的时间和成本，让每个爱动手的修车人都能成为专业的技师，让你的爱车跟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.

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DN-D1020

**10Ton Hydraulic Bearing Separator Tool Kit
10吨液压培林拆卸组 (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-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
五爪油压齿轮轴拆卸器**

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



DN-D1105

**Universal Wheel Hub Puller Set
三爪轮轴拆卸器**

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 break 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-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-D1004

**10 Ton Hydraulic Bearing Separator Set
10吨液压培林拆卸组 (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-D1040

**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-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-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-D1022

**14pcs Bearing Separator And Puller Set
14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" (18TPI) 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-D1002

**12pcs Bearing Separator And Puller Set
12件碟式轴承拆卸器**

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件碟式轴承拆卸器**

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-D1013

**14pcs Bearing Separator And Puller Set
14件碟式轴承拆卸器**

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-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-D1016****17Pcs Bearing Bushing Driver Installer Tool
17件培林拆装组**

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件斜型培林拔卸器**

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-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:18mm 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-D1066****12pcs Bearing & Gear Puller Set
12件培林拉马组套**

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-D1056****9Pcs Bearing Separator And Puller Set
9件培林拔卸器**

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*Jaw50mm, Thrust Screw, 2*Extension Rod 45mm, 2*Extension 30mm, Cross Beam.

**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-D1060****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-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 And 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-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,M18

**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-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-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-D1026
Battery Terminal & Wiper Arm Puller
 雨刮器拆卸器

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-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-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-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-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.



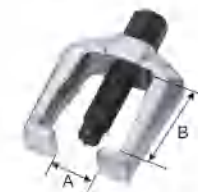
DN-D1073
Universal Ball Joint Separator
 可调式球头拆卸器

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



Item No	A	B
DN-D1073	22mm	62mm
DN-D1074	17mm	58mm

DN-B1037
Pitman Arm Puller
 小龙门架球头拆卸器



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-B1038
Pitman Arm Puller
 大龙门架球头拆卸器



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 rope to avoid drop while operating.



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

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-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: 17mm.



DN-B1045
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
 方向机舵扳手 (大)



DN-B1030
Multi-Purpose Inner Tie Rod Tool
 方向机舵扳手 (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-B1045 - 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-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-B1030 3pcs Ball Joint Removal Tool 3件球头拔卸器

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件球头拔卸器

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-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-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-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-D1050 Blind Hole Bearing Puller Set 内孔培林滑锤组

Comprehensive kit offering leg style and slide hammer pulling assemblies for use with expanding split collets.

Removes bearings easily where access is available in the centre of the bearing.

Collet 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-D1090 9pcs Blind Bearing Puller Set 内孔滑锤组

Medium stroke 1.4kg slide hammer with 390mm shaft.

Bearing extractor collets with internal capacity from 9 to 34mm. Supplied in carry-case.

Collet Ø: 9-11, 11-13, 13-16, 16-17, 18-20, 20-25.



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-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-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-D1085****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-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" L 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-D1080****17pcs Harmonic Balance Puller Set
17件方向盘拔卸器**

Versatile puller capable of removing a wide variety of components having tapped pulling holes such as gears, pulleys, etc. Includes: Yoke 5/8-18" L 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" L 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-D1005****46pcs Barmonic 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-D1075****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
三爪正时皮带盘拆卸器(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-D1100****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 adapters 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-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(01on)R50/R53 Chassis W10/W11/W17

**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 三脚架铁套拆装器

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-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	255mm	1/2 SQ OR 21MM
DN-B1005-A	410mm	1/2 SQ OR 21MM
DN-B1006	355mm	1/2 SQ OR 21MM
DN-B1006-A	270mm	1/2 SQ OR 21MM

DN-D1106 Motorcycle Cam Chain Breaker And Tiveting 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-B1008 Coil Spring Compressor 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-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:2,2,2,9,3,8mm, Pin Guide;2,2Upper, 2,2mm Lower, Riveter Pin, Anvil;3,6mm, Spring, Press Plate, Lever, Handle, Chain Press.



DN-D1107 Motorcycle Cam Chain Breaker And Tiveting 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-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



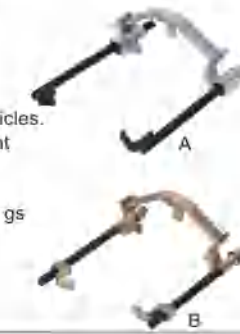
DN-B1033-A 4Arms Coil Spring Compressor 单向四爪弹簧压缩器

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



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 helicoidally 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. Φ70/130 suitable for Mercedes-Benz (124,202,210), SAAB, Ford,Skoda Φ90/150 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 全车系弹簧压缩器

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-B1010

12pcs Brake Caliper Wind Back Tool
12件刹车分泵调整组

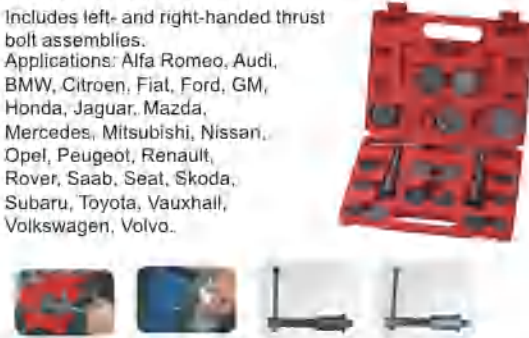
12 Piece Set With 10 Interchangeable Heads That Offer A Large Coverage Of Disc Brake Calipers Fitted To Today's Modern Vehicles. Kit Includes Both Left And Right Hand Piston Retracting Forcing Screws. For Use On The Following Vehicles:
Mercedez, Bmw, Vw, Gm, Audi, Ford, Honda, Subaru, Mazda, Nissan,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



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:
Mercedez, BMW, VW, GM, Audi, Ford, Honda, Subaru, Mazda, Nissan, Mitsubishi, Toyota, Rover, 4WD, etc. Universal applications.



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)
11-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-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, Lauxhall, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi



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 callipers.
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 callipers.
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-B1044

Brake Spring Compressor
刹车弹簧压缩器

Removes and installs brake spring washers from 5/8" to 7/8" in diameter. Brake Spring Compressor Tool. Provides leverage to remove and install stubborn hold down springs of drum brakes on cars and light trucks. Special beveled cup end and notched design grips the retaining washers (5/8" to 7/8") used to hold the springs in place. Comfortable handle and knurled base for solid gripping.



DN-A1004

2Ways Oil Filter Wrench
扁脚机油滤清器扳手

DN-A1006

2Ways Oil Filter Wrench
圆脚三爪滤清器扳手

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-A1114

3-Jaw Oil Filter Wrench
三角滤清器扳手

DN-A1122

3-Jaw Oil Filter Wrench
三角滤清器扳手

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-A1005

Chain Oil Filter Wrench
链式机滤扳手

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-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-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: 3/8" 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-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-A1118
7pcs Oil Filter Socket Set
7件滤清器扳手套装

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-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-A1012
15pcs Cap Oil Filter Wrench Set
15件帽式滤清器扳手



DN-A1015
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., 73 mm x 14-pt., 74 mm x 15-pt., 79 mm x 15-pt., 84 mm x 18-pt., 89 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-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
15pcs Oil Filter Cap Wrench
15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	36 / 1
100mm	15 / 1



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, renault, volvo, kia, hyundai, ford, vw, skoda, citroen, mini



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	88mm	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
78mm (Shouldered)	12 / 1	100mm	15 / 1
76mm	14 / 1	106mm	15 / 1
78mm	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-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, 38mm for vauxhall/vectra



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

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



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

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



DN-A1125
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*321 long, 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. adapter. 5PCS Special reaction nut: #1 33T*19.5mm, #2 33T*19.2mm, #3 Hex*17mm, #4 Hex*28mm, #5 4p*30.2mm. Applicable: VW-AUDI, BMW, FORD, SKODA, BENZ, OPEL/VAUXHALL, PORSCHE, RENAULT, VOLVO etc...



DN-A1087
18pcs Alternator Freewheel Pulley Removal Set
18件套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*32 long 35mm round
17mm hex*35 long
22mm hex
15mm*17.5mm hex*33 teeth
3*15mm*19mm hex*33 teeth
2" combined socket for alternator(T50*113mm long)

**DN-A1023****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 tightened, therefore no recalibration 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-A1035****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/ii Compact E46 (01-07)
318i/ii Compact E46 (01-07)
318i E90/91/92/93 (05-12)
320i E90/91/92/93 (05-12)
520i E60/61 (07-10)
Z4 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: B18, B18A, B20, B20, B20B, B20BD, B20BZ, B202.

**DN-A1036****Engine Timing Tool For BMW N40, N45, N45T
宝马正时工具**

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

**DN-A1075****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, Td6
- 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, X5 (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 (2005-2008).

**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 N18 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-A1032****Engine Timing Tool For VW 1.2L VW 1.2L正时工具组 (6V 12V)**

Instaling 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-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 A8 12 valve AAH V6 engine, and similar engines used in A4s, A8s during the 1990's and later

**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-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-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-A1033****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, CLS, S, CLK, 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-A1081****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.
Combuted Crankshaft Damper Puller And Fuel Pump Gear Locking Tool.

**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, 0132AJ1, 21-263, 0188M, MOT 1430, 303-1277, 0194B

**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-D1040****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, SAAB, LAND ROVER, CITROEN, PEUGEOT, VW, ISUZU, HONDA etc....

**DN-A1030****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, ZPC Disconnecting Set, Spare Rubber Bands.

**DN-A1036****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-A1071****7pcs Fuel&A/C Condition Disconnect Kit**
7件冷气快速接头拆卸组

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-A1038****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-A1070****Cam Securing Bar**
皮带盘支撑扳手

For use on toyotas, Nissans and other OHC engines. This wrench is designed with grooved pins which are designed to hold the camshaft puller stationary while loosening and lightening the center shaft bolt. While useful on most Asian overhead cam engines, it is most needed on transverse mounted V6 engines such as the VG30 used in Nissan Maximas, as well as the 3V2FE and 1M2FE engines used in Toyota Camrys.



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 (T85L-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-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 气门油封拆卸钳

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-D105H Valve Spring Compressor 桥式链接拉马

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



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-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-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-A1010 11pcs Valve Seal Remover And Installer Kit 气门油封拆装组

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 6" driver handle.
7pc Adapters for seals 5mm, 5.5mm, 6mm, 6.6mm, 7mm, 8mm and 3/8"



DN-A1117 Valve Seal Removal Tool Kit 气门油封钳组套工具

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-C1001
12pcs Oil Drain Plug Key Set
四角六角出油咀

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-C1005
5pcs Oil Drain Plug Key Set
四角六角出油头组

Suitable for drain plugs on engine, gearbox and back axle. Double-ended carbon steel keys with satin chrome finish. Contents:
 Hex: 5/16"-9mm, 10mm-12mm, 14mm-17mm,
 Square 3/8"-11mm, 8mm-13mm.



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

Centering 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 Reame 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 lightening 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	Bits Sizes
DN-A1015	13pc	1/2" driver with comfortable grip	5, 6, 8mm Slotted, NO 1, 2, 3 Phillips, No. 1, 2, 3 Torx
DN-A1016	6pc	1/2" driver with comfortable grip	7, 8MM Slotted, No. 1*2*2 Phillips

DN-A1017
40pcs Torx Bit Set
40件星批



DN-A1018
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-A1019
54pcs Torx Bit Set
54件星型批咀

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-E1024
Torx Bit Set
15件H10系列批头组



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*90mmL(7mm slot) #1, 1/2" DR. *27mm(12pt)*82mmL 3/8" DR. *7/8"9*0mmL(20mm slot); 3/8" DR. *1-1/16" *74mmL; 3/8" DR. *7/8" *80mmL(7mm slot); 1/2" DR. *22mm*50mmL(90°) 3/8" DR. *22mm*31mmL(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件驱动轮轴承套筒

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-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: HW5-6-7-8-10-12-14-16-200MM!: 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
 5-140mmL: T-40, 45, 50, 55, 60, 70
 6-200mmL: T-40, 45, 50, 55, 60, 70
 All in blow mold case



测试版

oil drain plug key

DNT

- Bearing puller
- Ball joint remover
- Shock absorber puller
- Injector Seat Cutter
- Pulley puller
- Box tool
- Cam chain breaker
- Coil spring compressor
- Brake caliper tool
- Oil filter wrench
- Alternator pulley puller
- Engine timing tool
- Valve piston repair tool
- Wrench
- Socket
- Wrench
- Flaring tool
- Cripper and plastic tool
- Hand tools

Sockets

DNT

- Bearing puller
- Ball joint remover
- Shock absorber puller
- Injector seat cutter
- Pulley puller
- Box tool
- Cam chain breaker
- Coil spring compressor
- Brake caliper tool
- Oil filter wrench
- Alternator pulley puller
- Engine timing tool
- Valve piston repair tool
- Oil drain plug key
- Bit set
- Socket
- Wrench
- Flaring tool
- Cripper and plastic tool
- Hand tools

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-H1036 2pcs 10" Circlip Pliers Set 卡簧钳

Feature replaceable tips and have a spring ratchet locking mechanism to hold circlip securely against tension. Offset tips make it easier to facilitate circlip. Contacts: 2 of each 2.75mm tips in 0°, 15°, 45°, 90° 2 of each 3.0mm tips in 0°, 15°, 45°, 90° Length: 10-1/2" (265mm) Spread: Internal-60mm-100mm External-38mm-85mm



DN-H1034 4pcs Snap Ring Pliers Set 4件迷你型钢圈钳组

contents:
- 80 mm long
- tip-Ø 1 mm
- for internal and external locking circlips
- straight and bent pliers



DN-H1037 2pcs 16" Circlip Pliers Set 卡簧钳

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



DN-H1038 11pcs Snap Ring Pliers Set 卡簧钳



DN-H1035 4pcs Circlip Pliers Set 卡簧钳

internal and external jaws in 45°, 90° and straight for snap rings with Ø 10 - 50 mm



DN-H1039 Internal/External Snap Ring Plier 卡簧钳



DN-H1040 2pc Internal/External Snap Ring Pliers 卡簧钳



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-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. Fitted 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-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 adapters 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 exhaust. 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 no leaks and also removes dents and clamp marks. Supplied in carry-case. capacity:
Small: 30-44mm
Medium: 48-61mm
Large: 55-85mm
Drive: Small: 16mm Hex
Medium: 7mm 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-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-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-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-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-F1008
Plastic Tool Box
工具箱小

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. 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 V-6 engines; and 1991 to 2001 Oldsmobile Bravada.



DN-F1033

Metal tube and hose cutter
管子割刀

DN-A1029-A

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 to 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-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-D1034
CV Joint Removal Tool 95mm
球笼万向拆卸器

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-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-E1023
Door Upholstery Remover
胶扣起子

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



Note:

测试版本