

AUTO TOOLS



DNT[®]

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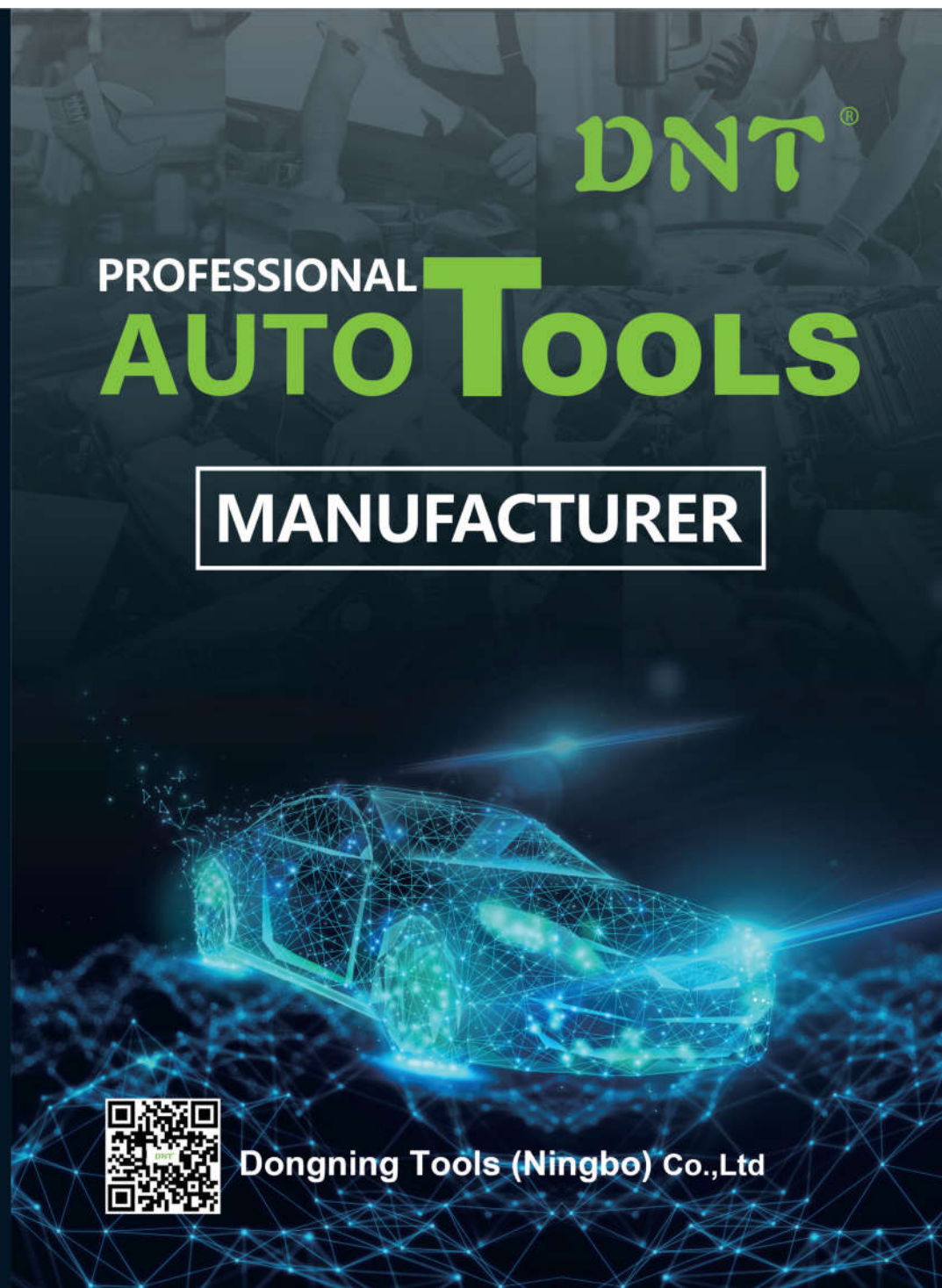
DNT[®]

PROFESSIONAL AUTO TOOLS

MANUFACTURER



Dongning Tools (Ningbo) Co., Ltd





C 公司简介 OMPANY 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 located 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 best quality 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 Western Europe, Australia, Northern and Southern America.

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

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Dongning Tools (Ningbo) Co.,Ltd

DN-D2003-A
2 jaws Reversible gear pullers
可逆式二爪拉马



Universal puller with two sliding arms drop forged steel, entirely hardened and tempered. Lever action claws fit closely under the part to be removed. The large claw surfaces offer many advantages for careful and quick removal of pulleys, gears, ball bearings etc..

Item No.	size	Spread(mm)	Reach (mm)
DN-D2003-A	4"	90	80
DN-D2003-B	6"	135	110
DN-D2003-C	8"	165	105
DN-D2003-D	10"	245	170
DN-D2003-E	12"	250	165
DN-D2003-F	14"	305	205

DN-D2005-A
3 jaws Reversible gear pullers
可逆式三爪拉马



Universal puller with two sliding arms drop forged steel, entirely hardened and tempered. Lever action claws fit closely under the part to be removed. The large claw surfaces offer many advantages for careful and quick removal of pulleys, gears, ball bearings etc..

Item No.	size	Spread(mm)	Reach (mm)
DN-D2005-A	4"	100	100
DN-D2005-B	5"	125	100
DN-D2005-C	7"	175	150
DN-D2005-D	9"	225	150
DN-D2005-E	12"	300	205
DN-D2005-F	14"	350	205

DN-D2002-A
3 jaws Reversible gear pullers
可逆式三爪拉马



Universal puller with two sliding arms drop forged steel, entirely hardened and tempered. Lever action claws fit closely under the part to be removed. The claw surfaces offer many advantages for careful and quick removal of pulleys, gears, ball bearings etc.

Item No.	size	Spread(mm)	Reach (mm)
DN-D2002-A	2T	60	65
DN-D2002-B	5T	90	100
DN-D2002-C	7T	165	170

DN-D2011-A
Bearing Separator
轴承拉马



Item No.	model
DN-D2011-A	5-60
DN-D2011-B	12-75
DN-D2011-C	22-115
DN-D2011-D	25-155
DN-D2011-E	30-220
DN-D2011-F	40-280

DN-D2004-A
2 jaw gear puller
二爪拉马



Two jaws bearing gear puller installation remover hand tool kit for car. Used to process steel parts which are difficult to make Easy to use: can be rotated from the center of plunger and will soon be able to touch the work center that is pulled.

Item No.	size	Spread(mm)	Reach (mm)
DN-D2004-A	2"	15-40	62
DN-D2004-B	3"	18-50	70
DN-D2004-C	4"	18-50	95
DN-D2004-D	6"	20-78	120

DN-D2010
5pc fork ball joint separator set
5件叉式球头拆卸工具



This kit includes five popular tools used for servicing Pitman arms, ball joints, and tie rods on most vehicles & remove shock linkage. Two Pitman Arm Pullers for large or small ball joint applications. Two Ball Joint Separators. Three different Tie Rod

Length	Fork Spread
11"	1-1/8"
11-3/4"	1-5/8"
11-5/8"	1-7/16"
16"	11/16"
16"	15/16"

DN-D2014-A
2 jaw gear puller
二爪美式拉马



Heavy duty twin legged bar type puller, easy removal of pulleys, flywheels, bearings and gears, dropped forged chrome steel heat treated and chrome plated. thrust bearing prevents wear and damage to shaft.

Item No.	Spread(mm)	Reach (mm)
DN-D2014-A	80	100
DN-D2014-B	120	100
DN-D2014-C	150	150
DN-D2014-D	200	150
DN-D2014-E	250	200

DN-D2008
Blind housing puller kit
滚珠轴承拉马



DN-D2012-A
Bearing Separator
蝶式拉马



Item No.	model
DN-D2012-A	30-50
DN-D2012-B	50-75
DN-D2012-C	75-105
DN-D2012-D	105-150

DN-D2015-A
Mini 2 jaw gear puller
迷你2爪拉码



Heavy duty twin legged bar type puller, easy removal of pulleys, flywheels, bearings and gears, dropped forged chrome steel heat treated and chrome plated, thrust bearing prevents wear and damage to shaft.

Item No.	Spread(mm)	Reach (mm)
DN-D2015-A	70	20
DN-D2015-B	70	45
DN-D2015-C	70	60

DN-D2016-A
mini 3 jaw gear puller
迷你三爪拉马



Item No.	Spread(mm)	Reach (mm)
DN-D2016-A	70	20
DN-D2016-B	70	45
DN-D2016-C	70	60

DN-M2001
Exhaust Tool Set
扩张器套装



Tool set for servicing exhaust systems Cuts pipe up to 3-1/2-Inch Use for pipe dent repair and pipe fitting Includes chain cutter, nut splitter and pipe expander Kit 42 includes 4-Piece for servicing exhaust systems.

DN-D2006
21pc master Axle Puller Tool Set
21件滑轴拉马套装



Tool set for removing front and rear axle bearings Removes seals from front and rear wheel vehicles Also functions as a slide hammer for dent pulling and gear pulling duty Storage case includes usage photos includes 21-Piece for pulling the master axle.

DN-M2007
Blind housing puller kit
滚珠轴承拉马



These special pullers will remove blind housing bearings without the need to dismantle machinery or remove the running shaft. Positive seating allows even tension on inner and outer bearing rings, reducing resistance. Stabilisers reduce sideways movement and self-centre the puller. universal ball bearing puller set is suitable to pull 6005, 6006, 6007, 6008, 6205, 6009, 6010, 6206, 6207, 6208, 6305, 6306, 6209, 6210, 6307, 6308, 6309, 6310 bearings.

DN-M2009
Motorcycle Internal Bearing Puller Kits
摩托车内轴承拉马



Specification: Specified Bearing Inner Diameter Range: 9mm - 23mm (5 open clamps) For Use In Removing Sleeve Type Bearings From Diameter 0.36" to 0.9" (9mm-23mm) Size: 9mm, 11mm, 14mm, 19mm, 23mm Features: -Heat Treated Steel, Open clamps by turning handle clockwise to snug against the bearing for pulling out evenly without damage the parts* Connect with 1/2" 3/4" male thread water faucet. -Professional Motorcycle Inner Bearing Puller Tool Kit, Ideal for Motorcycle wheel, Pump bearing generator bearing, Machine bearing etc.

DN-M2013
Blind housing puller kit
滚珠轴承拉马



These special pullers will remove blind housing bearings without the need to dismantle machinery or remove the running shaft. Positive seating allows even tension on inner and outer bearing rings, reducing resistance. Stabilisers reduce sideways movement and self-centre the puller. universal ball bearing puller set is suitable to pull 6005, 6006, 6007, 6008, 6205, 6009, 6010, 6206, 6207, 6208, 6305, 6306, 6209, 6210, 6307, 6308, 6309, 6310 bearings.

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

Accept customized(Tools)
 contents:
 Bearing separators(30-105mm),Oil filter
 wrench,Ball joint tools,Wheel bearing&hub
 tools,Brake caliper tools,Trim Tools,
 Screwdrivers,Sockets,Wrenches



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DN-D1102-A**Bearing Separator
螺旋轴承拆卸器**

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)
DN-D1103-A	60	40
DN-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

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DN-D1002**12pcs Bearing Separator And Puller Set
12件轴承拆卸器**

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吨液压轴承拆卸器 (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吨液压轴承拆卸器 (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件轴承拆卸器**

Heavy duty drop forged, heat treated steel construction hardened and tempered, precision-machined treaded 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: 8-3/4" 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件轴承拆卸器**

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件轴承拉马组套**

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

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爪轴承拆卸器**

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-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-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, 20, 22, 25, 28, 30, 32, 35, 38mm
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"/38.5mm (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: 18mm through to 85mm 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 vehicle, 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: Ø34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72mm, 75mm, 80mm
Outside: Ø44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82mm, 85mm, 90mm
5pcs pulling spindle+nuts, size: M10, M12, M14, M16, M18

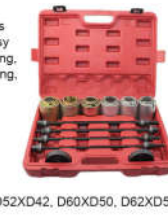
**DN-D1095****Master Press And Pull Sleeve Kit**
分体式铁套拆装工具

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-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, D68XD46, 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 vehicle, 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: Ø34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72mm
Outside: Ø44, 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 输轴总成拆装组

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 Ø62, Ø66, Ø72mm 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 bushes.



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 specialized 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**
五爪油压轮轴拔卸器

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

**DN-D1105****Universal Wheel Hub Puller Set**
三爪轮轴拔卸器

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 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-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 forc 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 forc 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 wheel 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(01on)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 silent block 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 Syncro 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, adapter 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-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 spanner 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 rope 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	52mm
DN-B1038	33mm	64mm

DN-B1109**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: 25mm

**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**
方向机拉杆扳手 (中)**DN-B1030****Multi-Purpose Inner Tie Rod Tool**
方向机拉杆扳手 (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-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"L 127mm, thrust bolt, centering 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, Centering 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, Centering 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"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 Pulley 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 4.4mmmm

**DN-A1138****Chrysler Harmonic Pulley**
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-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 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-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 pulley 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, 2.9, 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****摩托车链条拆卸器**

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**
弹簧压缩机

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**
新款弹簧压缩机

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**
弹簧压缩机

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**
爪式弹簧压缩机

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

**DN-B1026****Coil Spring Compressor**
单个弹簧压缩机

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**
双向四爪弹簧压缩机

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

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

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**
通用型弹簧压缩机

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件弹簧压缩机

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**
四方弹簧压缩机

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**
奔驰专用弹簧压缩机

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. 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****Macpherson Spring Compressor**
全车系弹簧压缩机

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**
强力型弹簧压缩机

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**
弹簧压缩机

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)
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-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 Brake 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件气制刹车分泵调整组**

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件气制刹车分泵调整组**

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件气制刹车分泵调整组**

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 6-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 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-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.

DN-A1006**2Ways Oil Filter Wrench**
圆脚三爪滤清器扳手

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

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 90mm to 145mm.

As wrench is tightened the serrated legs clamp around the filter with diameter from 90mm to 145mm 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件碗型滤清器扳手

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-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, 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件碗式滤清器扳手**DN-A1013****23pcs Cap Oil Filter Wrench Set**
23件碗式滤清器扳手

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**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 / 1
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-A1108**3pcs Cap Oil Filter Wrench Set**
3件铝合金机油滤扳手

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, 38mm for vauxhall/vectra

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

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

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 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 N42, N46, N46T**
宝马正时工具组

BMW:

118i E81/E82/E87/E88 (04-12)

120i E81/E82/E87/E88 (04-12)

316i/1i Compact E46 (01-07)

318i/1i Compact E46 (01-07)

318i E90/E91/E92/E93 (05-12)

320i E90/E91/E92/E93 (05-12)

520i E60/E61 (07-10)

z4 2.0 e85/e86 (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, B20A,

B20B, B20BD, B20BZ, B20Z.

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

BMW: 116i E81/E82/E87/E88 (04-09)

316i/1i Compact E46 (01-07)

316i E90/E91/E92/E93 (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 2.0/3.0i 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-E36-E38-E39-E66-E83-

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:

550i (2006-2007), 550i (2008-2010), 650i

(2006-2010), 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/OTS.

**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 B20K0, 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, 1.5dCi, 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, 0132AJ1, 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/Oreun,Focus, Puma, Sierra, Modeo, Cougar, Couler/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), Fuslon (02-12), Galaxy (06-12), Mondeo (93-12), Puma (97-02), S-max (06-12), Tourneo Connect (02-06), Transit (06-12), Transit Connect (02-06) Mazda: 121 Zq (95-00), 2 Dy (02-07), 3 Bk (03-09), 3 Bi (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 anMondeo 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.

Combuted 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 JH | Corsa-D | Insignia | Mervia | 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 - petro

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,CLS,S, Ck, SIK,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,MAZDEA,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 engine

and VW T4 servo pump

- 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 1.8i & 2.0 'EW' engines.

Includes flywheel/drive plate, and tensioner locking tool.

Essential tools for timing belt replacement on 1.8i and 2.0i 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 2.0i 16V

- c5 1.8i / 2.0i HPI

- Xsara Picasso 1.8i / 2.0i 16V 2002-2005

Peugeot:

- 406 1.8i 16V 2000-2004

- 807 2.0i 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: Z22SE, 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 气门油封拔取钳

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 气门油封拆装组

11pcs 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 double secured (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

SizesOne 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-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)
d) 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
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	Bits Sizes
DN-A1015	13pc	1/2driver with comfortable grip	5,6,8mm slotted, NO 1,2, 3 Phillips, No.1,2,3 pozzi
DN-A1015	6pc	1/2driver 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 10L&7SL*H10*HW4-5-6-7-8-10-3MM
DN-E1024-B	15PC Torx Bit Set	14PC 30L&7SL*H20-25-30-40-45-50-55 1PC Bit Holder 1/2"DR*10mm
DN-E1024-C	10PC Spline Bit Set	10PC 30L&7SL*MS-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
Tanner torx bits - 30mm long - T20 / T25 / T30 / T40 / T45 / T50 / T55
Tanner 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件氧传感器套筒

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" *90mmL (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件驱动轴承承套筒

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

*MatenaT1 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水箱侧漏仪**

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)
T-shape 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 Adapters 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 used 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 adapters 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 adapters for GM, Ford, Lincoln, Isuzu, Mercedes, Kubota, Toyota, Volkswagen Peugeot

**DN-G1012****Oil Combustion 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 or 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/柴油两用汽缸压力表**

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/glow 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, Ssangyong, 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-G1072****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-G1073****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****Manual 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, safely 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. 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升补油灌**

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, safely 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.



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. 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-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 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 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 nuts. 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: $\Phi 35-45$ mm.



Item No	Length	Capacity
DN-D1038-A	400mm	35~45mm
DN-D1038-B	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**
三爪式机油箱盖拆卸器 (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****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-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-F2001****Iveco Axle Nut Socket
105mm/IVECO
轮轴套筒(105mm)**

SW	outer	H	Ø
mm	mm	mm	mm
105	134	118	36

- Six sided drive SW 36.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Milled out profile.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Special steel.

Application range: Iveco Eurotech Cursor HA, etc

DN-F2002**Iveco Axle Nut Socket
110mm/IVECO
轮轴套筒(110mm)**

inner	outer	H	Ø
mm	mm	mm	mm
110	134	118	36

DN-F2003**BENZ REAR WHEEL NUT SOCKET
BENZ后轮轴套筒 116mm**

inner	outer	H	Stud	Stud width
mm	mm	mm	mm	mm
105	125	180	116.5	9.8

- Internal square drive to DIN 3121 /ISO 1174 .Rigid Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.

Application range: Mercedes Benz Actros Rear axle, HL/HL 8 (Hypoid), etc.

DN-F2004**MAN TGA Frontal nut socket 93mm
MAN TGA前轮轴套筒(93mm)**

inner	outer	H	Stud	Stud width
mm	mm	mm	mm	mm
133	147.5	110	118	11

- Internal square drive to DIN 3121 / ISO 1174 .Six sided drive SW 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.

Application range: MAN TGA Front axle, V9-82L-01(Disk brake/ABS), etc.

DN-F2005**MAN TGA DRIVE AXLE NUT SOCKET 117mm
MAN TGA 驱动轴螺母套筒**

inner	outer	H	Stud	Stud width
mm	mm	mm	mm	mm
133	147.5	155	118	11

- Internal square drive to DIN 3121 / ISO 1174 .Six sided drive SW 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.

Application range: MAN TGA 460 drive axle, V9-82L-01(Disk brake/ABS), etc.

DN-F2006**MAN front wheel hub installer
MAN前轮轴安装器**

inner	outer	ITEM	Nut specification	Screw specification
mm	mm			
50.1	153.7	SF-9005E-04 SCREW	Tw30x6	M40x1.5

- To install front wheel hub of MAN.
- There is a bearing inside the tool to save power.
- Use this axle with spanner spin the screw.
- Robust Execution.
- Very Convenient Tools.
- European truck repair tool.
- Application range : MAN Truck.
- Product specifications are as follows:

DN-F2007**MAN TRUCK AXLE BEARING EXTRACTOR
MAN轮轴轴承拆卸器**

inner	outer	H	Ø
mm	mm	mm	mm
107.6	169.5	240	30

- For replace MAN truck hub bearing and remove the old bearings essential tool.
- Turn the screw to remove the bearing.
- To be used with wrench.
- European truck repair tool.
- Specialty tools.
- Application range: Change the MAN Truck Hub bearing.
- Product specifications are as follow:

DN-F2008**MAN TRUCK AXLE BEARING EXTRACTOR
MAN轮轴轴承拆卸器**

inner	outer	H	Ø
mm	mm	mm	mm
112	169.5	240	30

- Best tool for replacing MAN tractor hub bearings and removing the old bearings essential tool.
- Turn the screw and remove the old bearing.
- European truck repair tool.
- Very convenient tools.
- Specialty tools.
- Application range: MAN Truck tractor 33460/ 410/ 414 with front disc brake bearing.
- Product specifications are as follow:

DN-F2009**MAN FRONT WHEEL HUB INSTALLER
MAN前轮HUB安装器**

inner	P.C.D.	H	Ø
mm	mm	mm	mm
87.1	166	118.2	29.8

- When MAN axle bearing is stuck due to it' s over heat,use this tool with air wrench for labor saver and easier removal.
- Use this axle with spanner spin the screw.
- Extremely robust execution.
- European truck repair tool.
- Very convenient tools.
- Application range: MAN new type truck.
- Product specifications are as follows:

DN-F2010

REAR AXLE EXTENSION TUBE - M100 x 1.5
后轴螺母保护管 - M100x 1.5

Thread	inner ϕ	outer ϕ	L
	mm	mm	mm
M100x1.5	96	104.6	360

- For the removal and installation of wheel hubs.
- Extension tube for the protection of the wheel bearing and threaded bolts.
- With knurling and bore for toggle lever.
- Application range: MAN TGA rear axle e.g. HY 1350
- Product specifications are as follows:

DN-F2011

SCANIA WHEEL NUT SOCKET (8T)
SCANIA 轮轴套筒 (8齿)

inner ϕ	outer ϕ	Stud	H	\square
mm	mm	ϕ mm	mm	
103	119	9.5	100	3/4"

- With 3/4" square drive to DIN 3121 / ISO 1174
- Special profile with 8 external studs
- Positive drive of the axle nut
- Any extensive slipping is avoided
- Robust execution
- Can be used with an impact wrench or torque wrench
- Application range: Scania 420 (heavy duty tipper axis) removal and installation of the mounting nut on the axle bearing

DN-F2012

SCANIA FRONT WHEEL NUT SOCKET (80mm)
SCANIA 前轮轴套筒 (80mm)

inner ϕ	outer ϕ	H	\square
mm	mm	mm	
83	103	74	1"

- Positive drive of the axle nut
- Any extensive slipping is avoided
- Milled out profile
- Robust execution
- Can be used with an impact wrench or torque wrench
- Application range: SCANIA front axle (e.g. 124L / 144L)
- Series 4 from 96 for vehicles above 16 tons
- Removal and fitting of the axle nuts in front of the brake disc

DN-F2013

BENZ & MAN REAR AXLE NUT SOCKET WITH TUBE (87mm)
BENZ, MAN 后轮轴套筒 (87mm)

inner ϕ	outer ϕ	Locating tube ϕ	H	Stud	Stud width
mm	mm	mm	mm	ϕ mm	ϕ mm
80	95	49	175	87	10

- Internal square drive to DIN 3121/ISO 1174.
- Rigid locating tube.
- Optional with expander sleeve (bayonet locking system).
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: Mercedes Benz Atego Rear axle, Vitaro 814, MAN, etc

DN-F2014

BENZ & MAN REAR AXLE NUT SOCKET (101MM)
BENZ, MAN 后轮轴套筒 (101mm)

inner ϕ	outer ϕ	H	Stud	Stud width
mm	mm	mm	ϕ mm	ϕ mm
95	115	110	101	11.5

- Internal square drive to DIN 3121 / ISO 1174.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: Mercedes Benz and MAN 10+13t Reduction axle, Hypoid-and Trailer axle NR7/4, Omnibus 0305 G + 0405G, etc.

DN-F2015

BENZ & MAN CRANKSHAFT ALIGNMENT TOOL 2 GEARS
BENZ, MAN 曲轴校正器 (2齿)

No. of gears	H	\square
	mm	
9	90	1/2"

- Allows the engine crank to be manually adjusted
- Allows pinpoint accuracy calibration
- Adjusting screw in the clutch housing
- Ideal for adjustments to the engine
- Application range: Mercedes Benz 6- / 8- and 10-cylinder engines, MAN 12-cylinder engines, etc.

DN-F2016

BENZ & MAN CRANKSHAFT ALIGNMENT TOOL 3 GEARS
BENZ, MAN 曲轴校正器 (3齿)

No. of gears	H	\square
	mm	
9	120	1/2"

- Allows the engine crank to be manually adjusted
- Allows pinpoint accuracy calibration
- Adjusting screw in the clutch housing
- Ideal for adjustments to the engine
- Application range: Mercedes Benz Actros and Atego, MAN 5-/6- and 8-cylinder engines - D25/28, etc.

DN-F2017

UNIVERSAL WHEEL AXLE NUT REMOVE & INSTALL KIT
插销型后轮螺母拆装工具

- Special designed to loose and tight the rear wheel nut.
- Both sides of pin are adjustable.
- Different sizes of pins are suit for different kinds of cars.
- Applicable: Over 2 tons vehicles with circular nuts.
- Contents: Pins: $\phi 5.5$, $\phi 6.8$, $\phi 9.1$.
- Nut: M8xP1.25

DN-F2018

Man oil filter wrench
MAN机油扳手

- Designed for removing the installing the oil filter on MAN truck.
- Use with 1/2" drive wrench.
- Size: 135mm/18P
- Applicable: MAN 18-48 tons truck. Series F2000, FE and TGA engine (406, 410, 414, 440, 460)

DN-F2019

TRUCK INJECTION NOZZLE SOCKET
卡车喷油嘴套筒

- The tool removes and installs diesel injected nozzle.
- The bottom four corners.
- Europe truck repair tool.
- O 24mm, 4 teeth, inner $\phi 22.2$ mm, outer $\phi 32$ mm, 84.5mm(H).
- Suitable for MAN 422/403. Benz truck, SCANIA.

DN-F2020

MAN & Benz truck diesel injection valve socket
MAN&Benz 卡车喷射阀门套筒

- Remove and install diesel injection valve.
- European truck repair tool.
- 4 teeth, inner $\phi 22.2$ mm, outer $\phi 28$ mm, 72mm(H).
- Suitable for MAN 422/403. Benz truck, SCANIA.

DN-F2021

MAN&BENZ Differential Rear Nut Socket Dr.3/4/BENZ, MAN差速器后螺母套筒 (113mm)

- Special 6 teeth designed to remove the differential rear nut.
- Made from special steel for high tightening and loosening torque.
- Applicable: MAN, Mercedes Benz truck.

DN-F2022

Flywheel Rotating Tool with one Sprocket (1 gears)
MAN飞轮旋转器

- Designed for accurate rotating of the engine for
- valve setting or other maintenance and service work.
- Use with 1/2" drive wrench.
- Overall length: 61mm
- Applicable: MAN engines D20, D25, D26, D28...

DN-F2023

BENZ&MAN Clamp Nut Socket, 56 mm
BENZ, MAN 卡车轮轴套筒

- For professional loosening and tightening the clamp nut on the axle stub.
- Suitable for exact torque with a 3/4" square drive.

DN-F2024

BENZ&MAN Clamp Nut Socket, 60 mm
BENZ, MAN 卡车轮轴套筒

- For professional loosening and tightening the clamp nut on the axle stub.
- Suitable for exact torque with a 3/4" square drive.

DN-F2025

MAN&BENZ Drive Axle Nut Socket (Dr.3/4,H60,6 TEETH)
BENZ, MAN传动轴套筒 (6齿)

- Special designed with 6 teeth designed for removing the drive axle nut.
- Made from special steel for high tightening and loosening torque.
- Applicable: MAN, Mercedes Benz truck.

DN-F2026

MAN Truck TransmissionSocket, 53mm
MAN 卡车变速箱套筒 - 53mm

- Designed to remove the transmission nut on MAN trucks
- Size: 3/4" DR x 53.5mm / 4PT
- Overall length: 75mm

DN-F2027

Axle Nut Socket 95 mm With Guide Band
轴芯套筒

- Made from special steel and robust execution to remove the axle nut.
- Any extensive slipping is avoided.
- Use with an impact wrench or torque wrench, drive SW36.
- Overall length: 157mm
- Applicable: Mercedes Benz axle trailers

DN-F2028

BENZ Groove Nut Socket For Rear Axle Nut
BENZ后轮轴套筒 - 123.5mm

BENZ Groove Nut Socket For Rear Axle Nut

- Use with 32mm wrench.
- Special designed for dismantling and assembling the rear axle nut.
- Made from special steel for high tightening and loosening torque.
- Overall length: 310mm
- Applicable: Mercedes Benz Citaro.

DN-F2029

Benz Groove Nut Socket For Differential Nuts
BENZ差速器套筒 (72mm)

- Use with 32mm wrench.
- Special designed for removing and installing the differential nuts.
- Made from special steel for high tightening and loosening torque.
- Overall length: 60mm
- Applicable: Mercedes Benz Citaro, Evo bus.

DN-F2030

MAN TGA Front Axle Nut Socket, 101-110mm
MAN TGA前轮轴套筒 (101-110mm)

- Six side drive SW60.
- Special robust execution designed to remove the front axle nut.
- Made from special steel for high tightening and loosening torque.
- Size: 3/4" DR x 93mm / 6PT
- Overall length: 80mm
- Applicable: MAN TGA FRONT AXLE, V9-82L-01(disk brake /ABS), etc.

DN-F2031

HALDEX Brake Linkage Adjuster Extractor/HALDEX 刹车连杆调节器拆卸工具



- Certain stop through ring shaped bearing area
- Use with 32mm wrench.
- Applicable: HALDEX

DN-F2032

BPW Brake Linkage Adjuster Extractor BPW 刹车连杆调节器拆卸工具



- Substantial construction for drawing off firmly sitting
- BPW brake linkage adjusters.
- Suitable for older and automatic linkage adjusters.
- Use with 32mm wrench.

DN-F2033

BPW Rear Hubcap Nut Socket, 95mm BPW后轮轴盖套筒 (6.5-9T) (95mm)



- Designed for extracting the rear axle cover.
- Size: 3/4" DR. x 95mm (oval).
- Overall length: 70mm
- Applicable: BPW 6.5-9tons

DN-F2034

BPW Rear Hubcap Nut Socket, 109mm, Dr. 41mm BPW后轮轴盖套筒 (12T) (8point)



- The rear axles cover extractor socket.
- Size: 1" DR. x 109mm (8PT)
- Applicable: BPW-12T

DN-F2035

BPW Rear Hubcap Nut Socket, 111mm, Dr. 41mm BPW后轮轴盖套筒 (12T) (椭圆型)



- The rear axles cover extractor socket.
- Size: 1" DR. x 111mm (oval)
- Applicable: Bpw-12T

DN-F2036

BPW Rear Hubcap Nut Socket, 120mm, Dr. 41mm BPW后轮轴盖套筒 (16T) (8point)



- The rear axles cover extractor socket.
- Size: 1" DR. x 120mm (8PT)
- Applicable: BPW-16T

DN-F2037

BPW Axle Extractor, 98mm BPW轮轴拆卸器 - M155 x 3.0



- Special designed to remove the wheel axle with outer thread on BPW.
- Use with 49mm and 30mm wrench
- Applicable: For former model of 16 tons truck.

DN-F2038

Wheel Capsule And Axle Nut Socket 轮轴螺盖套筒



ITEM NO.	A	B	C	H	□	SUITABLE
	mm	mm	mm	mm	(inch)	
DN-F2038	65	40	60	68	3/4	ECO-axle
DN-F2039	80	50	72	68	3/4	ECO-axle
DN-F2040	85	50	80	68	3/4	ECO-front axle 13t
DN-F2041	95	40	90	68	3/4	
DN-F2042	111	45	107	72	3/4	
DN-F2043	120	48.5	115	72	3/4	ECO-axle

- For cleaning, easy loosening and tightening of flat oval wheel capsules and axle nuts, e.g. on BPW axles.
- For the removal and installation of grease capsule on BPW axles.
- Suitable for exact torque with a 3/4" square drive.
- Ideally suited for very high tightening and loosening torques.
- For machinery usage.

DN-F2044

BPW Axle Extractor, 125mm BPW轮轴拆卸器 - M125x2.0



Thread	Outer size	Height	Applicable
M125X 2.0	93.1mm	9.4mm	BPW 12 tons trailer

- Special designed to remove the wheel axle with outer thread on BPW.
- Use with 49mm and 30mm wrench
- Applicable: For former model of 16 tons truck.

DN-F2045

BPW Axle Extractor, 135mm BPW轮轴拆卸器 - M135x2.0



Item	Thread	Outer size	Height	Applicable
DN-F2045	M135X 2.0	150mm	78mm	BPW ECO 10-12 tons old model
DN-F2046	M136X 2.5	150mm	78mm	BPW ECO PLUS 8-12 tons new model

- Special designed to remove the wheel axle on BPW.
- Use with 43mm and 30mm wrench

DN-F2046

BPW Axle Extractor, 136mm BPW轮轴拆卸器 - M136x2.5

DN-F2047

SCANIA CAMSHAFT ROTATOR (Dr. 1/2") SCANIA 卡车凸轮轴转动器



- Designed to rotate the crankshaft when correct the timing of engine.
- Use with 1/2" drive wrench.
- Applicable: SCANIA after 1996

DN-F2048

SCANIA (340) ELECTROMAGNETIC INJECTION VALVE CAP SOCKET, (1/2" , 8POINTS, 38mm) SCANIA 340电磁阀喷油嘴盖套筒



- 8 points.
- For tightening loosening the electromagnetic injection valve cap.
- 3/4" Dr, inner φ38mm, outer φ45mm, 100mm(H).
- Suitable for SCANIA(340) trailer, SCANIA GENUINE.

DN-F2049

SCANIA TRANSMISSION BACK OIL SEAL INSTALLER SCANIA变速箱后油封安装器



- Designed to install the transmission oil seal easily and without causing damage.
- Applicable: SCANIA transmission flange shafts on transmission and rear axle Part no. 1 502 384 / 1 502 385

DN-F2050

Scania FrontWheel Shock Absorber Spring Washer Scket SCANIA前轮避震器套筒 (28mmX37mm Dr.3/4")



- This special socket removes.
- European truck repair tool.
- 3/4" Dr, inner φ28.5mm, outer φ53.9mm, 50mm(H).

DN-F2051

Scania FrontWheel Shock Absorber Spring Washer Scket SCANIA后轮避震器套筒



- Scania Rear Wheel Shock Absorber Spring Washer Socket, (34mmX56mm Dr.3/4")
- This special socket removes.
- European truck repair tool.
- 3/4" Dr, inner φ34mm, outer φ56mm, 50mm(H).

ITEM NO.	Dr.(in.)	Inner(mm)	Outer(mm)	H(mm)
DN-F2050	3/4	28.5	53.9	50
DN-F2051	3/4	34	56	50
DN-F2052	3/4	34.5	63.9	50.1
DN-F2053	3/4	100	123	84

DN-F2057

SAF Axle Nut Socket, 85mm 轮轴套筒140mm



- Made from special steel and robust execution to remove the axle nut.
- Any extensive slipping is avoided.
- Use with an impact wrench or torque wrench, drive with 36mm wrench.
- Overall length: 82mm.
- Applicable: SAF axle trailers.

DN-F2054

Engine Crank Alignment DAF DAF曲轴校正器 (4.5期环保)



- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Applicable: XF105, Euro5... etc.

DN-F2055

Engine Crank Alignment DAF DAF曲轴校正器 (三期环保)



- Designed to adjust the engine for correct position.
- Use with 24mm wrench.
- Applicable: DAF: CF65, CF75, CF85, F65, F75, F85, F95, X195

DN-F2056

Calliper Adjuster Socket 卡钳调整套筒 5齿



- Special 5 teeth designed to adjust the brake caliper.
- Overall length: 46mm
- Use with 36mm wrench.
- Material: SCM440.
- Applicable: most of European trucks, SCANIA, VOLVO...etc

DN-F2052

Scania Damper Rod Socket For Rear Axles SCANIA后轮阻尼器套筒



Scania Damper Rod Socket For Rear Axles, (34mmX46mm Dr.3/4")

- This special socket removes.
- European truck repair tool.
- 3/4" Dr, inner φ34.5mm, outer φ63.9mm, 50.1mm(H).

DN-F2053

Scania Rear Wheel Nut Socket (100mm, 8 POINTS, Dr. 3/4") SCANIA后轮轴套筒



- Scania Rear Wheel Nut Socket (100mm, 8 POINTS, Dr. 3/4")
- Control the nut with slide rod to adjust bearing.
- This eight sided 100mm socket is specifically for rear wheel nut sockets on SCANIA trucks.
- 3/4" Dr, inner φ100mm, outer φ123mm, 84mm(H).

DN-F2058

SAF Axle Nut Socket, 140mm SAF 轮轴套筒140mm



- Made from special steel and robust execution to remove the axle nut.
- Use with an impact wrench or torque wrench, drive with 32/46 mm wrench.
- Forward tension with 32mm wrench is at 150 N-m.
- Overall length: 135mm.
- Application range: SAF Euro axle, etc.

DN-F2059**IVECO Axle Nut Socket, 98 mm
IVECO 轮轴套筒 98mm**

- Made from special steel and robust execution to remove the axle nut.
- Any extensive slipping is avoided.
- Size: Drive SW36 x 98mm / 6PT
- Overall length: 117mm
- Applicable: IVECO Euro Cargo, etc

**DN-F2060****Sleeve Locating Tube
螺母定位管**

ITEM NO.	INNER mm	OUTER mm	L mm
DN-F2060	46	52	140
DN-F2061	54	60	140
DN-F2062	60	67	140



- Practical connector system with fixing screw.
- Useful for different groove socket nuts (module systems).
- Enables stable work position.
- Prevents slippage of the socket.
- Change through loosening of the grub screw on the hexagon.

DN-F2063**Truck Injectors Solution
卡车喷油嘴拆卸器**

- Special injector puller solution for new generation trucks
- Applicable: trucks with injector-Pump systems or with traditional truck injectors: VOLVO, SCANIA, MERCEDES, MAN, RENAULT, IVECO, etc...

**DN-F2064****HINO Oil Mist Separator Wrench, 107mm
HINO 柴油滤水器扳手**

- Designed to remove and install the oil mist filter on HINO truck.
- Use with 1/2" drive wrench.
- Applicable: HINO truck after 2003. HM number: 103251.523401-11840-A.

**DN-F2065****FUSO Oil Mist Separator Wrench, 109mm
FUSO 柴油滤水器扳手**

- FUSO oil mist separator wrench (8RIBS, 109mm).
- Using the oil-water separator wrench.
- Looped handle.
- Japanese truck repair tool.
- Inner ϕ 109mm, outer ϕ 118mm, 176mm (H), 16mm (thickness).
- Suitable for FUSO 380 over 17 tons (engine no 6M70) and bus, MITSUBISHI all NEW CANTER eco-4 3.5, 6.7 and 6.9 tons.

**DN-F2066****TRUCK INJECTION NOZZLE SOCKET
日系卡车气门拆装工具**

- Specially designed to remove the install the valve of Japanese truck.
- Applicable: FUSO 3.5 tons, FUSO over 15 tons, Hino 750, ISUZU 180, 200.

**DN-F2067****CRANKSHAFT REAR OIL SEAL INSTALLER (ISUZU 3.5 TONS)
前后曲轴油封安装工具 3.5t**

- Special designed for installing the crankshaft front oil seal without damage.
- Oil seal genuine no.: BZ 4961E
- Applicable: ISUZU 3.5 tons

**DN-F2068****CRANKSHAFT REAR OIL SEAL INSTALLER (ISUZU 3.5 TONS)
前后曲轴油封安装工具 3.5t**

- Special designed for preventing the oil seal from damage when installing it.
- Oil seal genuine no.: BZ4962-E, 3-97071561.
- Applicable: ISUZU 3.5 tons (4JB1, 4JG2) (130HP / 150HP).

**DN-F2069****ISUZU CRANKSHAFT OIL SEAL REPLACER SET ISUZU
前后曲轴油封安装工具 (中型车)**

- Special designed for replacing crankshaft oil seal.
- No damage to oil seal and related parts.
- Applicable: ISUZU truck.
- Engine Model: 4 HF1, 4HG1, 6HH1, 6HK1.
- Oil Seal genuine no.: Front BZ4365E Rear BZ4219E.

**DN-F2070****Universal Extractor (For Trucks Only)
通用型日系卡车轮胎拆卸工具**

- Designed for all Japanese truck dismantling front and rear axles.
- Use with 46mm wrench.
- Size: ϕ 259x32mm.
- Applicable: Japan truck HINO, UD, etc.

**DN-F2071****Injector Socket Set
4PCS 卡车喷油嘴套筒**

- A four piece toothed Injector Socket Set for use on Commercial Vehicles.
- Also suitable for some Iveco, Scania and Renault commercial vehicles.

**DN-F2072****HGV Cooling System Pressure Test Kit
大车水箱测试器**

- Special designed for testing the radiator on the truck.
- Test cooling system for leaks.
- Includes hand pump, test head in a blowmold case.
- Please ensure that the radiator coolant is not hot before operating.
- Applicable: DEUTZ ENGINE, MERC BENZ, VOLVO, MAN, RENAULT, DAF, IVECO, SCANIA.

**DN-F2073****Disel Injector Test and Calibrating Hand Pump
柴油喷油嘴测试器**

- Material: Aluminum alloy (A356)
- 3.5 inch dial gauge reading 0-600 bar also reading 0-8700 lbs/sq.incg
- The liquid tank is provided with a filter.
- Supplied with M14xM14 and M14xM12 pipes.

**DN-F2074****UNIVERSAL BEARING CUP INSTALLER
大车调整型轴承安装器**

- Designed to install the wheel-bearing cups in a wide range of heavy-duty axles.
- A very easy and convenient tool to install various bearing cups.
- Capacity: 95-155mm.



Note: