



## **ENGINE SYSTEM**



#### VSC-65

VALVE SPRING COMPRESSOR 閥門彈簧鉗

Description: THROAT DEPTH: 155mm JAW OPENING: 65-225mm



## VSC-66G

VALVE SPRING COMPRESSOR 閥門彈簧鉗

Description: THROAT DEPTH:240mm JAW OPENING: 66-250mm



#### VSC-75

**VALVE SPRING COMPRESSOR** 閥門彈籌鉗

Description: THROAT DEPTH:150mm JAW OPENING:75-210mm



#### VSC-35D

VALVE SPRING COMPRESSOR

閥門彈簧鉗

Description: THROAT DEPTH: 240mm JAW OPENING: 38-200mm



#### VSC-25

UNIVERSAL VALVE LIFTER

閥門彈簧鉗

Description: CAPACITY: 25-63mm THROAT DEPTH: 220mm



#### UVSC

**UNIVERSAL VALVE SPRING** COMPRESSOR 組合式閥門鉗組

Description: Special for engine of V8, V16



#### UVRK

Universal Valve Repair Kit 通用型組合式閥門器組

for OHV&OHC petrol/ diesel engine on Audi Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Porsche, Volvo, VW etc.



#### VSSP

VALVE STEM SEAL PLIERS

氣門油封拔取器

Description: VALVE SEAL ADJUSTED AND USED WITH VALVE SPRING COMPRESOR LENGHT: 275mm



VALVE STEM SEAL PLIERS

氣門油封拔取器

VSSP2

Description: VALVE SEAL ADJUSTED AND USED WITH VALVE SPRING COMPRESOR Length: 245mm



#### EVRK-11

VALVE SEAL REMOVAL & INSTALLER KIT

氣門油封拆裝組

Description: 1-Valve stem seal plier VSSP2

-Drive handle 6" (150mm) 2-Deep seal socket for

O.D. 10.8-14.8mm 7-Seal adapters fits seals 5, 5,5,



## AVL

AIR OPERATED VALVE LAPPER 氣動閥門研磨機

· COMDLETE WITH RUBBER CADS OF 20mm, 30mm, 35mm, 45mm Lenght:188mmL



# EVG-2

HAND OPERATED VALVE GRINDER

手動閥門研磨器

Rubber vacuum cups



#### **EVSC-7**

VALVE SPRING COMPRESSOR 螺桿型閥門鉗

Description: Used for Car & Motorcycle Pusher size:16mm,19mm, 23mm,25mm and 30mm Length of screw: 70,110,120mm



## **FVP**

OVERHEAD VALVE SPRING COMPRESSOR

下壓式閥門鉗

Description: For OHV, OHC and CHV engines. Note: Not suitable for engines with deep-seated valves



## EVSCK-23

UNIVERSAL VALVE SPRING

REMOVER / INSTALLER

多功能冤拆式閥門鉗

Description:

Applicable engine model:BENZ BMW,TOYOTA,FORD, MITSUBISHI, VAG, etc



#### **EBG**

UNIVERSAL TENSION BELT GAUGE

皮帶張力器 Description:

It can be used to adjust the tension on the cam belt where on timing belt is measured the load (NM).



#### ECYE-24

CYLINDER HEAD SURFACE RECTIFIER

氣缸平面量規

Description:

Dimension 36mm height and 600 mm length. Convenient hanging hole and edge protector.

· Use with feeler gauges to check distortion in engine blocks, cylinder heads and flywheels.

## **EVAP**

VALVE ADJUSTING PULLER 氣門墊片更換夾鉗

Description:
•Used for VOLVO, OPEL

and European cars.
•For overhead camshaft engines.



### **EVKPU-3**

**VALVE KEEPER INSTALLING & PICK UP TOOL KIT** 

氣門彈簧半圓型 固定銷安裝組

Description: Contents:3 pcs valve keeper installing tool Flexible magnetic pick up tool.



# EVRI-2

VALVE KEEPER REMOVER AND

**INSTALLER KIT** 氣門彈簧固定銷拆裝器

Description: Works on valve stems from 4.5 to 7.5mm and



## 00478

ANGLE METER ADAPTOP

1/2" 角度儀

1/2" Drive. 360 degree, scale in 2 degree increments & in intenals of 30.



## PRC-325/347/447/647

PISTON RING COMPRESSOR

活塞環 Description: 325: 3" (53-125mm) 347: 3" (90-175mm) 447: 4" (90-175mm)

647: 6" (90-175mm)



## EPRP-1

5/16" to 3/8"

PISTON RING INSTALLER

活塞環撥開鉗

Description: For rings:3/64" to 1/4"(1.2 - 6.3mm) Length:175mm.



## EPRP-H2

**HEAVY DUTY** PISTON RING INSTALLER

重型活塞環撥開鉗

Description: For most passenger car and light truck For rings:3-1/4" to 5-5/16" (83 - 135mm) Length:245mm





















#### PRT-4/5/6

PISTON RING TOOL

活塞環鉗

Description: 4" (50-100mm) 5" (80-120mm) 6" (110-160mm)



#### **ECH**

**ENGINE CYLINDER HONE** 

引擎三爪内徑研磨器 (178mm)

Range: 51~178mm Stone: 3pcs with 100×10×8mm



#### **EFLT**

UNIVERSAL FLYWHEEL LOCKING TOOL

通用型飛輪固定器

Description:

Using range: 92-107mm

Length: 130mm



#### DES-P

DIESEL ENGINE LOCKING / SETTING KIT-PUMPE DUSE

正時系統設定組

Description:
INJECTION PUMP LOCKING PIN,
LOCKING TENSIONER TOOL,
CRANKSHAFT LOCKING TOOL,
FOR AUDI, VW, SEAT, SKODA, FORD WITH TDI PD AND V6 ENGING



UNIVERSAL FLYWHEEL LOCKING SPANNER 通用型飛輪支檔扳手

Description:

· Length: 250mm



Description: Applicable:

Renault

16V & K4J , K4M & F4P , F4R 1.4 16V K4J, 1.6 16V K4M, 1.8 16V F4P & F4R(Laguna II)



#### **ECLUC-1 CLUTCH SPRING COMPRESSOR**

立式變速箱離合器壓版工具

Description: Capacity Clutch diameter from 64mm to 175mm.



**CLUTCH ALIGNMENT SET** 

離合器對孔校正器

Description: Size: 8 collects

10.95mm, 11.95mm, 14.9mm, 16.9mm, 18.9mm, 19.9mm, 21.9mm, 24.9mm.



#### **PRGC**

PISTON RING GROOVE CLEANING SET

活塞環溝槽清潔器

Description: For  $\phi$  51 to  $\phi$  127mm plstons, Blade 1: 1/16". 5/64". 3/32". 1/8", 5/32", 3/16". Blade 2: 2, 2.5, 3, 4, 4.5mm & 1/4".



ENGINE SLING CHAIN SET (LONG)

長板型引擎吊鍊組

Description:

· Plate length : 690mm

Chain length: 490mm

Capacity : 1000kg



#### ECML-3

CAMSHAFT LOCKING TOOL

雙凸輪軸固定器 Description: For pulleys spaced For TwinCam and Diesel engines.



#### CST-V

CAMSHAFT SETTING TOOL - VAG

VAG 車系正時系統設定組

Description: FOR VW/AUDI 1.4/ 1.6L AND VW/LUPO, POLO. GOLF IV, BORA/ AUDI A2.



#### TCW

TOYOTA CAM TOOL WRENCH SPANNER 本田凸輪扳手

· WRENCH IS ADJUSTABLE FROM 1-1/4" TO 5" WORKS WITH 1/2" RATCHET

OR BREAKER BAR.



#### ESEA-4

4PCS SEAL CUP ROCKET SET

4件油封導入工具組

Applicable: Φ 9/16(14.4mm~16.0mm);

φ 5/8"(15.9mm~17.5mm);  $\phi$  11/16"(17.5mm~19.1mm); φ 13/16"(20.7mm~22.4mm)



#### **ECLUC-2**

**CLUTCH SPRING** COMPRESSOR

變速箱離合器壓板工具

Description: For most models of American cars and light



## **ECLUSAC**

SELF ABJUSTING CLUTCH (SAC)

通用調整型離合器校正器

Compressor Master Kit (6 hole pitch) For all self adjusting clutches (SAC)

e.g. on VW, Audi, BMW, Ford, Mercedes, Opel, Renault, Volvo, etc.



#### FG-20

20PCS FEELER GAUGE 20PCS 間隙量規

Description

0.05, 0.10, 0.15, 0.20, 0.25, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.0



#### **EASCS**

**ENGINE SLING CHAIN SET** 

引擎吊鍊組

Description: For alignment of the engine core, specia designad on chain.



#### **ECML-U**

UNIVERSAL TWIN/4CAMSHAFT LOCK TOOL

雙凸輪軸固定器

Description: Applicable: Petrol & Diesel



#### **TCLS**

engines.

19PCS TWIN CAMSHAFT LOCKING & SETTING KIT 19PCS 綜合型正時固定器

FOR PETROL ENGINES SUITABLE FOR A RANGE OF VEHICLES INCLUDING. FORD, HONDA LANDROVER, ROVER AND VAUXHAII/ OPEL



#### ECMPW-9

UNIVERSAL CAMSHAFT PULLEY HOLDING WRENCH

通用型凸輪軸皮帶支檔扳手

Description: Capacity: 30mm~110mm 4 pair groove pins 10.97, 9.94, 8.93, 6.20mm For universal engine, especially O.H.C engines cars



#### ESEA-7

7PCS SEAL CUP ROCKET SET

7件油封導入工具組

Applicable:

φ 9/16(14.4mm~16.0mm); φ 5/8"(15.9mm~17.5mm); φ 11/16"(17.5mm~19.1mm); φ 13/16"(20.7mm~22.4mm) φ 15/16"(24.0mm~26.0mm) φ 1.0"(25.5mm~27.5mm): φ 1-13/16"(30.3mm~32.3mm)



#### **ECLUA-5**

UNIVERSAL CLUTCH ALIGNMENT SET

離合器對孔校正器 Description:

· Size

~29mm

small cone: range 14.4 ~21mm large cone: range 20.9



## **ECMSEA-20**

CAMSHAFT SEAL REMOVER

& INSTALLER KIT 凸輪軸油封拆裝組

For oil seals between 27mm and 58mm in diameter. Long hocks 114mm.















#### EBTA-8

UNIVERSAL BELT TENSION

ADJUSTER SET

綜合型正時惰輪調整組

Description: Applicable: Alfa Romeo. Fiat, Citroen, Paugeot, Renault, VW etc....



#### EOSP-1 SEAL PULLER

油封拉拔器

Length: 315mm



## EOSP-2

CAM AND CRANK SHAFT

**SEAL PULLER** 

調整型油封拆卸器 Length: 210mm



#### EBPT-12

**PULLEY SPINNING TOOL** 

皮帶輪調整扳手

Description: Application: Japanese Vehicles, Mercedes Benz, BMW, Ford, Opel, Peugeot, Renault Rover, Volvo, VW, Audi



#### EBIT-5

5PCS BELT INSTALLING TOOL SET 5件正時皮帶拆裝輔助器組

Description:
Suitable for engines with
elastic ribbed belts such as
Alfa Romeo, BMW, Chrysler,
Fiat, Ford, Mercedes, PSA,
Seat, Skoda, Smart, Volvo,
VW-Audi, Mazda, Lancia,
Cittone net. Citroen, etc...



## EBIT-3

3PCS BELT INSTALLING TOOL SET

3件皮帶安裝輔助器組

Description:

Applicable:FORD, MAZDA, VOLVO, BMW, CHRYSLER, CITTROEN, FIAT, LANCIA,



#### EBIT-12

2PCS BELT TOOL KIT FOR **ELASTIC-RIBBED BELTS** 

2件正時皮帶拆裝輔助器

Description: Suitable for engines with elastic

ribbed belts such as Alfa Romeo, BMW, Chrysler, Fiat, Ford, Mercedes, PSA, Seat, Skoda, Smart, Volvo, VW, Audi, etc...



#### EBST-6

SERPENTINE BELT TOOL

惰輪皮帶調整扳手

Description: For removing & Installing serpentine belts. 1/2", 3/8", square drive. 13, 15, 16, 18mm sockets.



#### EBST-15

RATCHETING SERPENTINE **BELT WRENCH SET** 

通用型惰輪皮帶棘輪扳手組

Description: Socket size:8,12,13,14 17,18,19&24mm; 3/8" 1/2" & 5/8"



#### EBTU-10

UNIVERSAL BELT TENSIONER WRENCH SET 可更換惰輪皮帶扳手組

Description: Double ended 12,13,14,15,16, 17,18,19 mm Single endd E10,E12,E14 E16.E18



### **EPPU-8**

UNIVERSAL PULLEY REMOVER

通用型拔卸器

With setting screws M6 M8 3 Pcs of each.



### **EBRP-S**

THIN TYPE TWO JAWS **BRARING REMOVER** 

二抓薄型輪盤拔卸器

Description:

Working depth : 93mm Jaws thinkness: 1.5mm Applicable: 30~90mm



#### **ECMPU**

UNIVERSAL CANSHAFT SPROCKET PULLER 通用型凸輪軸皮帶拆卸器

Description: Suitable 45~70mm



## HRP-R

RIBBED DRIVE PULLEY PULLER

槽溝型皮帶盤拔輪器

For pulley with grooves For crankshafts, alternators, and vehicle water pump Max capcity:153mm



## HBP-GM

3-JAW PULLER FOR GM DAMPER PULLEYS

三爪GM正時皮帶盤拔輪器

3/8" drive for use with ratchet. 3/4" drive for wrench or socket use 3/8"For small space limited 3-Jaw PULLER

Rods: 5/16"×4", 5/16"×5-13/32" 5/16"×6-1/2", 5/16"×7-13/32".



#### HBP-C

2-JAW PULLER FOR **CRANKSHAFT & PULLEY** 兩爪曲軸皮帶盤拔輪器

For crankshaft pulley

For pulley with 5 or 6 spokes. For small space limited Jaw length: 72/95mm φ Range: 40~120mm, 132~195mm



#### HRP-U

PULLER AND INSTALLER

Fixing bolts 2pcs each: 1/4"UNF, 3/8"UNF, 5/16"UNC, 3/8"UNC,

正時皮帶盤拆裝器 Installing adaptors 3pcs each 7/16", 1/2", 9/16", 5/8"



#### ΔI T-18

18PCS ALTERNATOR BITS SOCKET SET

發電機工具組



PR-17



### **ECLUH**

FAN CLUTCH UNIVERSAL **PULLEY HOLDER** 

離合器通用型。 支檔扳手

Length: 593mm

#### **ECMH**

**CAMSHGFT & INJECTION PUMP SPROCKET** HOLDING TURNING TOOL

凸軸皮帶支檔扳手

Length: 415mm



#### EPLS-8

UNIVERSAL PIN SPANNER SET

調整型二點轉動扳手組

Description: Pin size: 2.5, 3, 4, 5, 6, 7, 8, 9mm each size with 2

purchase. Overall length: 250mm; Operation range: min. 19mm.



#### 46084-2

ALTERNATOR SPECLAL BIT SOCKET SET 2件式發電機用特殊套筒起子組

4028-4M10 (100mm lenght) with PR-17 alternator spline adaptor 33T. 4024-4T50 (100mm length)

with PR-17 alternator spline adaptor 33T. Packing by blister card



## EPLH-9

UNIVERSAL CAMSHAFT PULLEY HOLDER

通用型皮帶支檔扳手組

Adjustable Jaws Type. Connected 1/2" Dr. wrench in the end of hold the



# **EPLW**

**AUTO PULLEY** REMOVING WRENCH



















# **UHCR UNIVERSAL HOSE CLAMP REMOVER** 可彎型防塵套束裝鉗 Hose clamp with flexible 600mm wire. Clamp open 10-63mm

### SCP-S SPRING-CLIP PLIER SCP-L LONG-REACH MODEL WITH LOCK AND PIVATING JAWS.

下壓式束裝鉗 Length: 282mm

#### HCP3W

3 WAY HOSE CLAMP PLIER

三向喉式管束鉗 Description: Use 14mm wrench or 1/4" drive tools Max capacity: 65mm; Length: 106mm



#### 1817B-6/-9

HOSE CLAMP PLIERS

鱷魚鉗

1817B-6: 150mmL 1817B-9: 230mmL

#### HCP11U

HOSE CLAMP PLIERS 鱷鱼鉗

Description: Capacity: 0~65mm Length: 280mm



#### 1808L

LOCKING PINCH-OFF PLIERS



#### **HPOP**

HOSE PINCH-OFF PLIERS

平口封管鉗 For pinch off and lock on engine pipe and gas lines. Length: 250mm



#### **ACDT**

**FUEL HOSE PULLER** 

燃料管拆卸器 Applicable: TOYOTA,MITSUBISH, FORD, NISSAN 73mmx21mm



#### FLP

**FUEL LINE PLIERS** 汽油管接頭拆卸鉗

For removal and replacement of the connecting on the fuel filter Application:

BENS, FORD, MAZDA, VW, AUDI, OPEL, FIAT, GM, BMW Length: 140mm

### **FPLP**

Fuel Feed Pipe PLIER 汽油管接頭拆卸鉗 For OPEL, VAUXHALL, FIAT, GM, VW, AUDI, TOYOTA etc Length: 145mm



#### **FTLR**

ADJUSTABLE FUEL TANK LID REMOVER

可調式燃油泵浦油箱蓋拆裝器 JAW ADJUSTABLE: 122~199mm USE WITH 3/8" DR. WRENCH APPLICABLE:

BENZ, BMW, VW, AUDI & EUROPEAN CARS,



### **FFTW**

3JAWS ADJUSTABLE FUEL TANK LID WRENCH

三爪可調式油箱蓋拆裝器

Description: JAW ADJUSTABLE: 90~170mm Use with 16mm wrench or socket.
Operation range:  $\phi$ 90mm~170mm

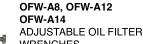


## 1818

OIL FILTER PLIERS

機油濾清罐鉗

Description: 1818: RANGE: 2-3/8" - 4-1/2"(60-115mm) Length: 10"(250mm)



WRENCHES 可調式機心濾心扳手

WITH 1/2" DR. OFW-A8 : 60 – 80mm OFW-A12 : 80 – 115mm OFW-A14: 115 - 140mm



#### OFW3-2

OIL FILTER WRENCH - 3-LEG, 2-WAY

機油濾心扳手 Description:

WITH 3/8" Dr. & 1/2" Dr. AND 21mm MALE HEXAGON ADAPTOR Capacity: FULLY ADJUSTABLE FORM 2-1/2" TO 4-1/2" (65-120mm)



### OFW3-2S

OIL FILTER WRENCH - 3-LEG, 2-WAY 機油濾心扳手

Description:

WITH 3/8" Dr. & 1/2" Dr. AND 21mm MALE HEXAGON ADAPTOR Capacity: FULLY ADJUSTABLE FORM 2-1/2"TO 4" (65-110mm)



## OFW3-2SS

OIL FILTER WRENCH - 3-LEG, 2-WAY

機油濾心扳手

Description: WITH 3/8" Dr. ONLY Capacity: FULLY ADJUSTABLE FORM 2-1/2" TO 3-3/4"(65-95mm)



OFW-105/-160 HINGED CHAIN WRENCH

OFW U30/-U34/-U37/-U43/-U48/-U54

FOR OIL FILTERS

機油濾心扳手一鏈條型 Description: OFW-105: φ 60~ φ 105mm; LENGTH:350mm OFW-160: φ60~ φ160mm;

OIL FILTER WRENCH 機油濾心扳手

LENGTH:520mm

Description:

OFW-U30 (60-73mm) OFW-U34(73-85mm)



#### SW-160 SW-260

STRAP WRENCH FOR OIL FILTERS

機油濾心扳手-皮帶型

Description: SW-160: UP TO 160mm φ SW-260: UP TO 260mm φ



### 5194-6/-9/-12 **CHAIN WRENCH**

鏈條扳手



Description:

5194-6: φ30~φ120; LENGTH:6 5194-9: φ30~φ160; LENGTH:9" 5194-12: φ30~φ140; LENGTH: 1/2"



#### OFW-4A

OIL FILTER WRENCH 機油濾心扳手

Description: WORKING RANGE: 90-112mm 4 SECTION ADJUST:

90/95/103/112mm ONE FOR MULIT-OIL FILTERS.



#### 1801/1802

OIL FILTER PLIERS 機油濾清罐鉗

Description 1801: RANGE: 2-3/8" – 3-1/2"(60-90mm) LENGTH: 9"(230mm) 1802: RANGE: 3-3/8" - 4-1/2"(85-115mm)

LENGTH: 10"(250mm)



SMILING AT WORK! \*\*

OFW-U37 (85-95mm), OFW-U43(95-111mm)

OFW-U48 (110-120mm), OFW-U54(120-134mm)











18PCS DRAIN PLUG KEY SET



#### OFWN.-6

**DPK-18** 

#### NYLON STRAP OIL FILTER WRENCH

帆布型機油心扳手

Description: Up to 152.44mm(6")
With 1/2" drive square.

油底殼起子套組

O: 8,9,10,12,13,14,17mm

**1**: 7,8,9.5,10,10.5,11,12

3/8"DR×38mmL

13.1mm

10mm



OFWC-6

Description: Suitable for filter  $\phi$  60~115mm. 1/2" drive square.

OFS-4 3/8" 4PCS OIL FILTER SOCKET

OIL-FILTER WRENCH WITH

THIN DOUBLE CHAIN

雙鍊條型機油心扳手

機油濾心扳手

Description: 27mm, 32mm, 36mm, 38mm



#### 3777

L TYPE OIL PLUG WRENCH

L型油底殼螺絲扳手

8mm×10mm / 5/16" × 3/8"



#### OFS-7

3/8" OIL FILTER SOCKET (7PCS) 機油濾心套筒組

Chemically blackened, chrome vanadium steel socket. Low profile design enables use on cartridge style filters

24mm×6PT×30L 27mm×6PT×30L 29mm×6PT×30L 30mmx6PTx30L 32mm×6PT×30L 36mmx6PTx30L 38mm×6PT×30L



## ⊚: MH16 COFW-30

#### CUP TYPE OIL FILTER WRENCH SET

30件機油心套筒



1	Item No.	Specification	Application
	COFW6514	14Flutes/65mm	Fits Nissan, Fiat Champ, Hasting, GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissanetc.
	COFW6567	14Flutes/65& 67mm	Fits same filters as made in Canada, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyotaetc.
	COFW6606	6Flutes/66mm	FIAT(Punto,1.2), RENAULT (Clio1.2Express, Kangoo, Rapid, Twingo) etc.
	COFW6814	14Flutes/68mm	Fits Hastings, Mazda, Ford Escort, Capri, Subaru, Fran, PH6607(Those Fram Filters Made in Korea), Motorcraft, FL816,etc
	COFW7314	14Flutes/73mm	Fits Toyota/Lexus, etc
	COFW7476	15Flutes/74& 76mm	Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc
	COFW7577	15Flutes/75& 77mm	Fits VW, Audi, Casite, GM/AC, Hastings, Wix, NAPA, Ford, Isuzu, Mercedes, Opel, etc
	COFW7608	8Flutes/76mm	Fiat (z.B. Marea), Lancia (z.B. Delta), etc
-	COFW7612	12Flutes/76mm	Fiat (z.B. Ducato, Scudo, Ulysee), Renault, (Megane, Laguna,Espace III), etc
)	COFW7614	14Flutes/76mm	Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes, Bens, BMW, Audi (I.B.A3TD) Opel, etc
	COFW7630	30Flutes/76mm	Fits Motercraft only-FL400A, Ford, etc
	COFW7815	15Flutes/78mm	Nissan (#15028H8991), Ford, Toyota, Honda (Accord), etc
	COFW8015	15Flutes/80mm	Fits Opel, Hastings, Farm, Purolator, Nissan, Honda, Motorcraft, Mazda, Isuzu, Subaru filters.
	COFW8082	15Flutes/80& 82mm	Fits Wix Filters. Branded for:Mazda, Subaru, Toyota, Honda, Acura, Nissan, NAPA.Etc
	COFW8616	16Flutes/86mm	Volvo (S40, S60, S70, S80),etc
	COFW8618	18Flutes/86mm	VW.Golf. (MKIII. TDi, Passat TDi), Audi A6 TDi, Renault (Clio, Rapid1.9D, Laguna, Safrane, Espace 2.1D), Citroen, Peugeot, Renault, etc

Item No.	Specification	Application	
COFW9015	15Flutes/90mm	Fits Honda (Accord). Mitsubishi. Mopar. Isuzu, etc	
COFW9210	10Flutes/92mm	Fiat, Cinquecento, Coupe, Croma, DAF, Fiat, Panda, Regata, Ritmo Fiat, Seicento. Tempra, Tipo, Lancia (Beta. Dedra. Kappa. Monte. Carlo. Prisma.Thema. Trevi) etc	
COFW9315	15Flutes/93mm	Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo. Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc	
COFW9336	36Flutes/93mm	Fits Ford, Motorcraft only-FL1A, (FLA1B, FL300, FL820 Ford), etc	
COFW9345	45Flutes/93mm	VW-Audi, (TDi2.4, 2.6, 2.8L), etc	
COFW9515	15Flutes/95mm	Toyota (#15600-41010) Alfa Romeo, GM, Ford, Chrysler.	
COFW9618	18Flutes/96mm	Audi (A4.A6, TDi), VW(Passat 97 TDi), Renault,(Laguna 2.2D, Safrane2.2D. Espace2.2D.R19 2.2D. Rapid. Megane, 1.9/2.1D.TDi), etc	
COFW10015	15Flutes/100mm	Fits Fram, Motorcraft, Wix, Isuzu, Mitsubishi, etc	
COFW10615	15Flutes/106mm	Fiat (Ducato 2.5D.Td), etc	
COFW10815	15Flutes/108mm	Volvo (C70.S70.V70.TDi.TD) (850 TDi. Turbo Diesel)	
COFW10818	18Flutes/108mm	Renault (Espace, Laguna, Master, Safrane, Traffic 2.4, 2.5, 2.8D. TD), etc	
OFW3-2B	OFW3-2B OIL FILTER WRENCH 3-LEG, 2-WAY 65-120mm		
COFWAD ADAPTOR 3/8" 🛆 1/2" DRIVE TOOL			

#### 4351-14M 14PC OXYGEN SENSOR

SOCKET WRENCH SET

特殊含氧感應套筒組



#### 54351-5M

5PC OXYGEN SENSOR SOCKET & SPARK PLUG HOLE THREAD CHASER SET

5PCS 特殊汽修套筒組

More information about oxygen sensor sockets and injector sockets, please, refering Hans general catalogue.



## 34351-7M

7PCS OXYGEN SENSOR WRENCH SET

7PCS 含氧感應套筒組

More information about oxygen sensor sockets and injector sockets, please, refering Hans general catalogue.



## 4351-6M

6PCS DIESEL INJECTION SOCKET SET

6PCS 含氧感應套筒組

More information about oxyger sensor sockets and injector sockets, please, refering Hans general catalogue.



#### EGLP-1

**GLOW-PLUG CONNECTOR PLIERS** 

預熱塞連接器拆卸鉗

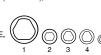
To remove stubborn and awkward to reach Glow-Plug connectors, found on the latest generation of



## ESOK-5

5PCS DIESEL INJECTION PUMP SPECIAL SOCKET SET 5件柴油噴射泵特殊套筒

- \* Use when loosen and remove the triangular headed screws on the injection pump.
- \*\* Applicable: For Bosch diesel injection pump VE (Bosch VE), VP EDC TDI (Bosch TDI), and VP 37(Bosch CR).
- For central closing plug of Bosch VE.
   Governing pressure socket of Bosch VE.
- For bearing screws governing lever of Bosch VE.
   For top cover screw of Bosch TDI.
- 5. For body of Bosch CR.





















#### **EDIRT**

COPPER WASHER REMOVAL TOOL FOR DIESEL INJECTOR 柴油噴油嘴墊片拆卸器

- Description: \* Size: inner hole 7mm
- \* Length: 230mm



#### EGPGP-7

7PCS GLOW PLUG PULLER SET

7件預熱塞拔卸組 Description:

- \* 5pcs outside holder jaw size:  $\phi$  2.7x1,  $\phi$  3.6x1,  $\phi$  5x2,
- \* 1pcs inside holder jaw . size: φ 5.5



#### EGPGP-16

GLOW PLUG DRILLING SET

預熱塞鑽孔拆除組

Applicable: Tap Dimensions: 1/4" NF528,M8×1mm, M10×1mm Glow plug Applications:

M8×1mm,M10×1mm



#### EGPGH-33

33PCS GLOW PLUG THREAD REPAIR SET 33件預熱塞螺牙修護組

\* Tap size: M8 x1.0, M10 x1.0, M12 x1.25, M14

\* 2-Thread coil driver

\*Thread coil size:
M8 x1.0(I) - M10 x1.0 (E),
M10 x1.0(I) - M12 x1.0 (E),
M10 x1.25(I) - M12 x1.25(E),
M12 x1.25(I) - M14 x1.25(E)



#### EICLN-22

UNIVERSAL INJECTOR SEALING SEAT CLEANING & MILLING SET 通用型噴油嘴修護清潔組

- Used with HDI engines, diesel direct injection and common rail engines with BOSCH and DELPHI injectors
- Sealing seat cleaning with cutter 120° φ21mm, 17mm

Steppeu.

Miller 0°  $\phi$  17mm continuous

Miller 0°  $\phi$  19mm, 17mm, 15mm stepped.



#### FISOK-4

4PCS INJECTOR CAP REMOVAL

SOCKET SET

Bosch, Delphi, Denso, Siemens



4341

柴油噴油嘴套筒組 Injector Application:

1/2"Dr.×25,27,29,30mm

專業噴油口套筒



# EISC-8

8PCS DIESEL INJECTOR SEAT

**CUTTER SET** 

噴油嘴清除工具組

Description: 15x19mm flat reamer, 17x17mm angled reamer, 17x17mm flat reamer, 17x19mm flat reamer, 17x21mm reamer. T-handle, Injector cleaner, pilot



#### 4342

NOZZLE HOLDER SOCKET 專業噴油口套筒

**\* FOR MAN MERCEDES-BENZ\*** 



#### 4343

4028MH16

4029-7V9 FOR VW & AUDI

4028MH16

**(**)

NOZZLE HOLDER SOCKET

2PCS SPECIAL BIT SOCKET SET

專業噴油口套筒

46098-2 1/2"DR.

2件式特殊套筒起子組

**\*\* FOR MAN MERCEDES-BENZ\*\*** 





RIBE 4029-7V9

#### 5308-12/23/34/46/68 BEARING SEPARATOR

NOZZLE HOLDER SOCKET

**\*\* FOR MAN MERCEDES-BENZ\*\*** 

培林拆卸器

Description -12(1-1/4"~ 2-1/4"), -23(2-1/4"~ 3-1/2")

-34(3~ 4-1/2"), -46(4"~ 6")

-68(6"~ 8")



#### 5312-3"/-5"/-6"/-8" GEAR PULLER US TYPE 兩爪美式拔輪器

Description

-3"(80mm) -5"(120mm)

-6"(160mm) -8"(200mm)



#### 5322-3"/-5"/-6"/-8"/-12" 2-JAW GEAR PULLER 兩爪拔輪器

Description

-3"(75mm) -4"(100mm)

-6"(150mm) -8"(200mm)

-12"(300mm)



3-JAW GEAR PULLER 三爪拔輪器

Description

-3"(75mm) -4"(100mm)

-6"(150mm) -8"(200mm)

-12"(300mm)



## 5332-04/-08/-10

2-ARM IN-EXTERNAL PULLER

-- 爪拔輪器

Description -04 (100mm)

-08 (210mm) -10 (260mm)



## 5333-04/-08/-10

3-ARM IN-EXTERNAL PULLER

三爪拔輪器

Description

-04 (100mm)

-08 (210mm) -10 (260mm)



## 53602

8PCS 2ARM + TWO-WAY IN-EXTERNAL PULLER SET

二爪通用型拔輪器組

Beam 2 arm: 170mmL Spindle:

M14 φ ×1.5×140mmL Folged stem hooks: 100mmL, 210mmL, 260mmL.



#### 53612

TWO SETS BEARING SEPARATOR ASSEMBLY

雙爪培林裝卸組

Description Center bolt 180mmL, Beam 160mmL

Extension Rod: 3/8"×102mml Extension Rod: 1/2"×127mmL Bearing: separator120mmL & 136mmL(φ30~50mm, φ50~75mm



#### 53622

MULTI PURPOSE HYDRAULIC GEAR AND BEARING PULLER SET

全套油壓式齒輪培林裝卸組

Hydraulic Ram 160mmL Légs: 4", 6", 8"L Bearing Separator: φ75~105mmL Extension Rod: 200mmL Beam: 160mmL

Twin head & Triple head.



#### 53603

Spindle:

16PCS TWO-WAY **IN-EXTERNAL PULLER SET** 

多功能型拔輪器組 Beam 2 arm: 172mmL Beam 3 arm: 90mmL

M14 φ ×1.5×140mmL M14 d x1 5x250mml Folged stem hooks: 100mmL, 210mmL, 260mmL. Interchangeable hooks 14M



#### GPH3-MT

6- WAYS MULTI PURPOSE HYDRAULIC GEAR PULLER 六向油壓式齒輪培林裝卸組

Description Hydraulic Ram 160mmL Senl pop: 30mmL Joint legs: 170mmL Joint plates: 93mml

Ram extension Rods: 50mmL

Cross Head



#### HBRS-10 BEARING SEPARATOR 雙柱型培林拆卸器

Description:

Range: 20mm~95mm















COOLING SYSTEM TESTERS PLASTIC

#### **CSTS**

**COOLING SYSTEM TESTERS** 

冷卻系統檢測組 THERMOMETER 1PCS PRESSURE TESTER WITH GAUGE 0~35PSI ADAPTORS 12PCS



#### FCST-7J

RADIATOR PRESSURE TEST KIT (FOR JAPANESE CARS)

水箱壓力錶組(快速型)

- · Includes 3 adapters for major Japanese vehicle
- made of aluminum



#### ECSF-11

RADIATOR COOLANT **FILLING TOOL** 

水箱水加注器

- · Eliminates trapped air pocket and aqueaky belts by overflow the coolant.
- Applicable for most cars and light trucks.



#### ETMS-2

FCSF-6

CSTS-19

TYPE(19PCS)

水箱壓力錶(塑鋼型)

complete accessories.

真空式水箱更換器

AIR PRESSURE: 80~100PSI

AIR CONSUMPTION: 12CFM

AIR INLET SIZE: 1/4" BSP

FLUID HOSE LENGTH: 1.3METER

· Test cooling system for leaks.

 Material: made of hard and durable Nylon66.

· Suitable for most of cars due to

COOLING SYSTEM FILLER

MECHANIC STETHOSCOPE 音診器

- Locates source of engine noise quickly.
- Listen for trouble by tracing sound of flowing water, oil, gas or steam.
- · Handle is shockproof



#### ETMS-3

(35psi)

CSTS-27

(27PCS)

most models.

FCST-21

多功能水箱壓力錶組

radiator lid tester, and vacuum purge & refill tool.

• Various adapters to meet

Material: made of hard and durable Nylon66.

TSET KIT (21PCS)

冷卻系統綜合測試器

Max pressure for hose: 200psi

Pressure gauge: 0-2.5 kg/cm2

Digital LCD display.

Optional: Nylon pump.

Functions: radiator pressure tester,

COOLING SYSTEM LEAKAGE TESTER AND

VACUUM-TYPE COOLANT REFILLING KIT

MULTI-PURPOSE COOLING SYSTEM

#### **TECHNICIAN STETHOSCOPE** 雙用型音診器

Aluminum alloy

probe/needle for finding the exact location of specific noises.

**FURL INJECTION** 

汽油噴射壓力錶

GAUGE: 0~150PSI

ADAPTOR HOSE

7/16-20 THREADS

SINGLE END HOSE.

DOUBLE END HOSE

5/16" & 3/8" FUEL BOLT ADAPTOR

CONNECTOR:

CONNECTOR:

1/4", 5/16" & 3/8

PRESSURE TESTER KIT

 Instrument is shockproof.

**FIPT** 



#### **ETEMS**

COMBINATION ELECTRONIC

STETHOSCOPE KIT 電子式靜動態音診器 (4組線)

- Defect & isolate noisy components.

  Contents: Flexible non-
- consuctive shaft Cushioned headphones 4 channel sensor selector unit
- 4 pick up sensors-4.8mm ling cords

**FUEL INJECTION** 

汽油噴射壓力錶

dual readings of 0-145

• 3-1/2" gauge with

psi and 0-1000 kpa.

accurate reading

below 15 psi.

Also a low pressure 2-1/2" gauge for an

PRESSURE TESTER KIT

**EGIPT** 

## **GFIPT**

48PCS GASOLINE FUEL INJECTION

PRESSURE TESTER KIT 汽油噴射壓力錶

GAUGE: 0~120PSI 38 DIFFERENT KINDS OF CONNECTORS AND



HYUNDAI & MITSUBISHI

**EGPTT POWER STEERING** TESTER KIT

動力方向盤壓力錶 Contains 2,000 PSI gauge with metering

Contents: Connection hose,13 adapters and power steering



#### EGRT-10

ENGINE OIL PRESSURE TESTER KIT 自動變速箱引擎油壓錶

- · Complete with 24"(600mm) of oil proof hose with 1/8" NPT.
- Also includes 1/4" NPT and 3/8" NPT adapters.
- · Dual gauge readings: 0 to 300 psi (0to 21 bar)
- · Gauge diameter: 2.5

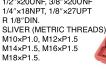


## EOAT-1

**ENGINE OIL/ AUTOMOTIVE** TRANSMISSION PRESSURE

**TESTER KIT** 自動變速箱引擎油壓錶

GAUGE: 0~150PSI BLACK (SAE THREADS) 1/2"×20UNF, 3/8"×20UNF 1/4"×18NPT, 1/8"×27UPT R 1/8"DIN. SLIVER (METRIC THREADS)





#### EOAT-2

specifications.

WITH OUICK TEST CLAMP



TRANSMISSION PRESSURE TEST KIT 雙錶式變速箱引擎油壓錶

Two gauges for high and low pressure ranges, low side : 100psi ; high side : 500psi.

9 adaptors to test a wide variety of domestic and import automatic transmissions.

4 special fittings and included for connecting to hard-to-reach test ports in areas requiring a 45° or 90° angle.





















#### **EGXP**

#### BASIC EXAUST BACK PRESSURE SET 排器背壓表

- · Oxygen sensor adapters include M12 and M18 threads
- The special 2-1/4" gauge with rubber protector has two multi-colored bands-idles 2500rpm, with pressure shown in psi and bar.



#### **ETBS**

#### TURBO SYSTEM TEST 渦輪系統檢測器

Working pressure: 1.5kgs/cm<sup>2</sup>.

Adapter: 80~90mm \* 2, 65~75mm \* 2, 50~60mm \* 2, 35~45mm \* 2.



#### EGDT-37

## **DIESEL COMPRESSION**

TESTER(37PCS) 柴油氣缸壓力錶

· Test process must be under

- vehicle cranking condition. · Provided high quality hydraulic gauge with modern design rubber jacket.
- Full glow plug and injector adaptors.



## EIAD-24

#### INJECTOR ADAPTOR SET

柴油噴油嘴測試接頭組

Contents: 24pcs injector adapters for BOSCH-01, SIEMENS, DENSO-03, and DELPHI, etc.



#### UCT-3 UNIQUE COMPRESSION TESTER KIT

壓力測試計組

Description
MAX PRESSUR: 21KGF/CM<sup>2</sup>(300PSI) 6" HEAVEY DUTY STEAM 13" FLEXIBLE HOSE



#### ENLS-6

## NOID LIGHT SET 6PCS

噴油嘴測試燈

· Includes lights to check TBI systems on GM, Ford, and Geo: GM and Bosch PFI systems; and GM's new SCPI (sequential central port injection)



#### EGCY-7

#### GASOLINE CYLINDER COMPRESSION TESTER(8 PCS)

綜合型汽油汽缸壓力錶

 Includes 4 adapters M10 x p1.0, M12 x p1.25 M14 x p1.25, M18 x p1.5



#### **EDFP**

#### DIESEL FUEL PRIMING SET

燃油系統抽取工具

 Coupler size: 9.89 mm · Optional couplers: 7.89mm 9.49mm, 11.8mm



#### **FMCR**

#### 12PCS FLOW METER COMMON RAIL SET 引擎流量測試組

Rail bottles: Bottle 90mmL with hose 580mmL Rail bottles: 166mmL.



#### ENLS-12

### NOID LIGHT/AC TEST SET 全配備噴油嘴測試組

• Set includes seven noid lights for testing GM PFI, FORD TBI, GEO TBI, BOSCH PFI, GM TBI, GM SCPI, GM MULTEC2, BOSCH 2 and two IAC signal test lights for GM 1982 or newer, GM TBI and PFI., and GM model 1981 or newe GM model 700 TBI and PFI fuel injection system, and one fiber optic noid light extension.



#### **DECT**

#### DIESEL ENGINE COMPRESSION TESTER KIT. 柴油引擎氣缸壓力錶

GAUGE: 0~70 BAR (0~1000PSI) GLOWPLUG ADAPTERS: M10×1.25×73.5mmL. M12×1.25×54mmL, M14x1.25x72mmL M10×1.25×114.5mmL

M20×1.50×75mmL

DUMMY INJECTOR M24×2.0×64mmL, M20×1.5×75mmL, 114mmL

STANDYNE DUMMY 112mmL.

#### **ETTL**

#### DIESEL AND GASOLINE TIMING LIGHT 數字型正時燈(汽/柴油兩用)

ADVANCE:0~90° BTDC TACH:200-9990RPM Dwell Accuracy:99.9% Voltage12V/24V



### CYLINDER LEAKING TESTER KIT

汽缸測漏檢測組

TWO GAUGE: 0~100PSI & 0~7BAR HOSE: 610mm(24"). CONNECTOR: 10M, 12M, 14M.













## CHASSIS SYSTEM

### **HBRM**

UNIVERSAL HUB BEARING REMOVER/INSTALLER 更換型輪軸培林拆裝器

\* Designed for FWD, RWD and AWD vehicles with independent suspension and a roller ball

bearing.

\* Applicable: FWD VW, AUDI and some Asian vehicles. RWD Mercedes, Porsche, BMW, and some European vehicles.



#### HBP-3J UNIVERSAL HUB PULLER 三爪式輪軸拔卸組

MAX Vechicle Stud size:17mm MAX. Leg Spead: 220mm Reach: 140mm



#### **HBP-WB**

UNIVERSAL PULLER SET FOR WHEEL **BEARING CAGE** 

三爪輪軸培林内緣拆裝器

Description:

Use range: 50~120

Spindle Length: 200 mm, Spindle M20 \* 1.5 Pressure mushroom: 34mm with o-ring Arm width: 27mm, Off length: 98mm



UNIVERSAL FRONT HUB & BEARING INSTALLER

通用型仰角培林維修組

Drift size: 55.5, 59, 62, 65,66, 71.5, 73, 78, 84, 86, 91mm HUB SCREWS(3pcs Each): M12×1.5, M14×1.5 Center bolt: 295mmL



#### FHB-P

FRONT WHEEL DRIVE HUB PULLER 傳動軸拆取器

THE YOKE AND **BOLT ARE THREADED** 5/8"×5-1/2"L×18Teeth.



### FHB-FK

SLIDE HAMMER PULLER FULL SET 通用型滑鎚組



#### HHP

HUB SLIDE HAMMER PULLER 輪軸滑鎚

Puller:8 holds & 148mm HAMMER WEIGHT: 4.3KGS Length: 750mmL



#### FHB-K

FRONT WHEEL HUB PULLER KIT 傳動軸滑鎚組

Puller: FHR-P Lenght: 665mmL



#### HHP-5H

HUB SLIDE HAMMER PULLER 5HOLES (OUTSIZE HAMMER)

特大型五孔輪軸拆卸組

Description:

Extra large internal hole for European car.

· Hammer weight:6.3kgs



#### **HBNU-11** (OUTER TOOTH) SOCKET SET FOR **BALL BEARING NUTS** 11件外四凸點套筒組

Description: For OUTER TOOTH 1/2" drive, 60mm Length



FARTINO.	•
HBNU SOCKET-1	φ 22*3
HBNU SOCKET-2	φ 26*3.5
HBNU SOCKET-3	φ30*4
HBNU SOCKET-4	$\phi$ 33*4
HBNU SOCKET-5	φ37*4.5
HBNU SOCKET-6	φ 44*5
HBNU SOCKET-7	φ 50*5.5
HBNU SOCKET-8	$\phi$ 56*5.5
HBNU SOCKET-9	$\phi$ 63*6
HBNU SOCKET-10	φ 69*6.5
HBNU SOCKET-11	d 75*6.5

#### HBNN-10 (INNER TOOTH) SOCKET SET FOR BALL **BEARING NUTS** 11PCS内四凸點套筒組

Description: For INNER TOOTH 1/2" drive, 60mm Length



PART No.	0
HBNN SOCKET-1	φ26*3
HBNN SOCKET-2	φ31*3
HBNN SOCKET-3	φ34*3
HBNN SOCKET-4	φ38*4
HBNN SOCKET-5	φ 42* <sup>4</sup>
HBNN SOCKET-6	φ 50*5
HBNN SOCKET-7	φ 58*5
HBNN SOCKET-8	φ75*6
HBNN SOCKET-9	φ82*6
HBNN SOCKET-10	φ88*6

## HBRS-16

16PCS BEARING RACE & SEAL DRIVER SET 16件斜型培林套安裝組

Description:

13-Adaptor: 10mm, 12mm, 14mm, 15mm, 16mm, 18mm, 19mm, 20mm, 22mm, 25mm, 26mm, 28mm, 30mm 3-Driver Handle:

115mm & 140mm & 160mm(L)



### **BRS-10**

BEARING RACE & SEAL DRIVER SET 斜型培林套安裝組

Description: size: 1,565", 1,750", 1,965", 2,325", 2,470", 2,555", 2,830", 2,995", 3,180"



### HBRS-8

8PCS BEARING RACE & SEAL DRIVER SET 8件斜型培林套安裝組

Description: \* Size: 39.75, 44.45, 49.91, 59.05, 62.73, 64.8, 52.1 mm



## HBHP-9

BLIND HOLE BEARING PULLER SET

内孔培林滑鎚組

Description:

Shaft:Slide hammer shaft 390mm long

Shatt-Side Haimler Shatt South Hong Hammer: 2.15lb. (940g), 100mm L. Clamps: 8~10mm (5/16\*~13/32\*); 10~12mm(13/32\*~15/32\*), 12~14mm (15/32\*~9/19\*); 15~17mm (9/32\*~11/16\*), 17~20mm (11/16\*~25/32\*); 20~24mm (25/32\*~15/16\*), 25~29mm (1\*~1-1/8\*); 30~32mm (1-3/16\*~1-1/4\*)



## INTERNAL BEARING REMOVER SET

雙用型内孔培林拔卸組

Description: 1pc Tailpipe expanders(62mm) 1pc Slide hammer 5pcs Puller: 8~11mm,

12~17mm, 18~23mm 24~29mm, 30~34mm

3pcs extension threads
• Applicable: bearing I.D.: 8~34mm



#### HB3.I-5

#### 3-JAW INTERNAL & EXTERNAL **PULLER SET**

三爪内外孔培林滑鎚組

Description:

- \* Samil of internal puller 15mm-30mm
- \* Large of internal puller 30mm-80mm \* External puller 15mm-80mm



#### HBRI16

**BEARING PACKER** 

Applicable:

bearing max. I.D. φ16mm and max O.D. φ95mm.



## **HBRF BEARING FITTING**

TOOL KIT 培林安裝組

Description: Impact rings: 10 - 50 mm Impact sleeves: 18 - 32 - 52 mm



#### **HBSED**

MASTER BEARING RACE AND SEAL DRIVER 萬用培林安裝器

- \*The 3 Stepped Jaws cover a range of O.D./I.D.'s from 18.5 ~ 89mm OR 0.72"~3.50" inches.

  \* Self-contained precision.
- \* Durable, sturdy aluminum construction, with a steel capped striker shaft handle.



注油器



driver x1

UNIVERSAL SEAL INSTALLER

油封安裝器

Description: Applicable: 32mm-60mm Hex cap screw x1, Washerx1, Handle x1, Small spider x1, Large spider x1, Spider insert x1 63mm driver x1, 76mm



















STEERING SYSTEM REPAIR SET (57 PCS)

#### HTPT-49H

HYDRAULIC STEERING PULL TOOL SET (49 PCS)

油壓式鐵套拆裝器 · Includes 4 spindles:

M10x P1.5, M12 x P1.75, M14 xP2.0 and M16 x P2.0 · Sleeve sizes: 18-60mm (ID) and 26-28mm (OD)



#### **HSURK**

UNIVERSAL SLEEVE REMOVAL AND INSTALLATION KIT

螺桿式鐵套拆裝組

Application also with workshop press + press

\* 20 x press-on sleeves inside:34,36,38,40,42,44,46,48,50,52, 54,56,58,60,62,64,66,68,70,72 mm Outside:44,46,48,50,52,54,56,58,60,62, 64,66,68,70,72,74,76,78,80,82mm \* 4 x pulling spindle + nuts Sizes:M10,M12,M14,M16.



#### CSC-BZ

HTST-57

Includes 4

57件鐵套拆裝組

with 2mm increments.

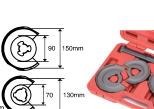
Hydraulic spindle:10 tons.

spindles:M10XP1.5, M12XP1.75, M14XP2.0, M16XP2.0.

Sleeve sizes:18~60mm(ID) and 26~68mm(OD)

**BENZ SPRZNG** COMPRESSOR 賓士避震彈簧器

FOR 116/ 123/ 124/ 126/ 129/ 140/ 201/ 202 AND 4 MATIC INCLUDES. Main Spindle 1.42KG/1pc Use Range: 110mm~280mm PR0VIDE WITH PRODUCT LIABILITY INSURANCE





#### CSC-HD

**HEAVY DUTY** SPRING COMPRESSOR AIR IMPACT AVALIABLE

強力型避震彈簧壓縮器

MAX LOAD: 26,000Nm MAX WORKING: 317mm PROVIDE WITH PRODUCT LIABILITY INSURANCE

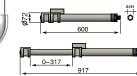












# MAX LOAD: 16760 Nm PROVIDE WITH PRODUCT LIABILITY INSURANCE

強力型避震彈簧壓縮器

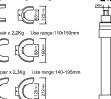
**PROFESSIONAL** 

CSC-P













雙鉤彈簧壓縮器 Description HEAT TREATED BOLTS AND DROP FORGED JAWS ARE MADE OF CHR-MO STEEL CSC-270, L:270mm CSC-370, L:370mm



#### CSCA-300 **COIL SPRING** COMPRESSOR SET 單鉤彈簧壓縮器

Description LENGTH: 300mm CAS TING IRON



#### CSCD-280

HEAVY DUTY COIL SPRING

COMPRESSOR 爪式彈簧壓縮器

Description:
\* Jaws capacity: 23mm~280mm

\* Length: 280mm



#### 4020M5/ M55 **①**

WHEEL BEARING HOUSING BIT SOCKET

車輪軸承座套筒起子

(FOR VW, AUDI, SEAT, CITROEN, FORD, RENULT, SKODA, PEUGEUT)

4025M55 **①** 5.5×8mm

L:55mmL



#### SN-22

STRUT SOCKET 避震器座套筒

1-3/4" LENGHT

HTKS-2

TOOL(TWIN)

單支固定座撐開器

Applicable: Specially

designed for twin ball

joints as fitted on VAG control arms

7/8" (22mm) HEX For removing and instaling the top shock retaining nut on most FWD, VW and AUDI.

STEERING KNUCKLE SPREADER



## HTRK-8

INNER TIE ROD TOOL

8件方向機舵扳手組

\* Utilizes seven crows feet, sizes 1-3/16",1-1/4",1-5/16",1-7/16", 14mm and 17mm, 33.6mm to

engage wrench flats.



#### HTKS-1

UNIVERSAL STEERING KNUCKLE SPREADER TOOL(SINGLE)

單支固定座撐開器 Applicable: VAG, BMW, Citroen, FORD, Renault, Seat, Peugeot and most Japanese vehicles.



#### **MPTR**

MULTI-PURPOSE INNER TIE ROD TOOL 方向機舵桿扳手(通用型) 1/2" SQUARE DRIVE. CAPACITY:33~42mm



#### **HTSOK**

Tie Rod End Socket 方向機舵桿調整套筒



## **UMRW-J**

**UMRW-E UNIVERSAL MASTER** -ROD WRENCH

方向機舵桿扳手(萬用型) 1/2" DR. JAPANESS CARS 33~42mm EUROPEAN CAR 42~50mm



## MPTR-2

MULTI-PURPOSE INNER TIE ROD TOOL 方向機舵桿扳手(通用型) 1/2" SQUARE DRIVE. CAPACITY:40~47mm















#### HTWRK-18

STEERING WHEEL REMOVER / LOCK PLATE COMPRESSOR SET

方向盤拆裝器

puller & related bolts.

橫拉桿球頭拆卸器

Description:

\* For steering wheel removal of most automotive &light truck applications. \* Includes steering wheel

**BALL JOINT SEPARATOR** 

OFFSET LEVER PERMITS
MAXIMUM JAW OPENINGS IN

30mm (1-3/16) & 56mm(2-3/16). JAW OPEN: 22mm.



### HBJS-7

**BALL JOINT ANCHOR PIN** PRESS SET

接頭拆卸器

Description:

\* Special designed for the removal and installation of press fit parts, such as ball joints, universal joints and truck break anchor pins, without having to resort to makeshift methods.



BJE BALL JOINT EXTRACTOR 橫拉桿球頭拆卸器

Description JAWS OPENING:20mm OPENING:2-STAGE(50-80mm)



#### **FPS**

UNIVERSAL FLANGE PULLER SET

通用型方向盤拆裝器 Bolt circle Dia:

1-1/4" to 4-5/8" (32mm to 118mm Bolt sets

2pcs EACH: 1/4"UNF× 3" L. 5/16"× 3-1/2" L 8×1.25mm×65mmL. 3pcs EACH:

5/16"UNC× 2" L, 5/16"× 4-1/2" L, 3/8"UNC× 2" L, 3/8"UNC× 4" L, 3/8"UNF× 2"L. 8 × 1.25mm× 40mmL

8 × 1.25mm× 80mmL 10× 1.50mm× 50mmL



#### BJP-J

BALL JOINT PULLER 橫拉桿球頭拆卸器

Description JAWS OPEN: 19mm.

HEAT TREATED DROP FORGED BODY & BOLT. SPREAD "BALL JOINTS". FIXABLE ANDD EASY.



## BJP-5

**BJS** 

Description

UNIVERSAL 5PCS BALL JOINT SEPARATOR SET 5件式通用型拉桿球頭拔卸組

Description: Opening 27mm & 44mm pull Opening 34mm & 66mm pull Outer tie rod puller:

Opening 32-63mm, 100mmL Ball joint separator:

Jaw open 22mm, up to 50mn Tie rod end remover: Fork opening 19mm



## **BJP**

BJP-23/-25/-30 BALL JOINT-PULLER BELL





Item

No.

BJP-23

BJP-25

BJP-30

BJP-32

BJP-35

B.IP-39



TM

24

mm mm





BJP-42/-58/-62/-65/-67 BALL JOINT-PULLER BELL

IMPACT WRENCHE AVAILABLE

球接頭拆卸器

Item	Α	В		TM	Н	Applicable	
No.	mm	mm	mm	mm	mm		
BJP-42	63	42	3/4"	42	145	BENZ ACTORS & MAN 414	
BJP-58	75	58	3/4"	42	164	SCANIA	
BJP-62	75	62	3/4"	42	164	15tons-35tons of HINO, ISUZU, NISSAN FUSO TRUCK & BUS.	
BJP-65	75	65	3/4"	42	164	TRUCK & BUS.	
BJP-67	75	67	3/4"	42	164	MAN Tractor Trailer FE410A	

IMPACT WRENCH AVAILABLE







Over 4tons and European Trucks, HINO, special for MAN 414DRAG LNIK.

3.5tons~8.8tons Trucks

#### TRS-12/-16

**BALL JOINT SEPARATOR** 

叉式橫拉球頭拆卸桿

15/16"(24mm)FORK WITH 12" LENGTH 21/32"(18mm)FORK WITH 16" LENGTH



#### TRS-8

BALL-JOINT SEPARATOR 錘擊式叉式橫拉球頭拆卸桿

Description FOR THE AUTO CHASSIS SPREADER 19mm FORK WITH LENGTH: 8'



#### PAP

В

30 19 22

32 26

35 26

mm mm

60 23 19 22

60 25 19 22

60

92

60 39 26 24 130

0

PITMAN ARM PULLER

137

兩爪美式拔輪器

Description FORGED YOKE AND WORKING RANGE ARE 1-5/16" OPENING 2-1/2" PULL



### **TRSP**

**OUTER TIE ROD REMOVER** 

兩爪拔卸器

Description: Max loaging: 5 tons.



## HBJP-3

2-WAY HYDRAULIC HGV BALL JOINT SEPARATOR

W/MANUAL SCREW 兩用型油壓球頭拆卸組

Description: 12tons hydraulic ram Jaw opening capacity: 70mm, Jaw width:36 mm.



## HBJP-6

2-WAY HYDRAULIC BALL JOINT SEPARATOR 兩用型油壓球頭拆卸組

12tons hydraulic ram Jaw opening: 30, 34, 40mm, Thrust Screw Lengths:100, 80

Pivot Rod Length:125 mm



#### CVBK-U

**UNIVERSAL CV BOOTS REPAIR KIT** 萬用型防塵套

CV BOOT 1PCS LENGTH: 136mmL CV JOINT GREASE 1 BAG HOSE CLAMP 2PCS



#### SBK-U

UNIVERSAL STEERING BOOT REPAIR KIT

萬用型方向機防塵套 STEERING BOOT 1PCS LENGTH: 210mmL CABLE TIE 2PCS



#### CVBP-1

C.V.BOOT CLAMP PLIER (EARLESSV TYPE)

防鹿奎束裝鉗 LENGTH: 184mm























# CVBP-3

C.V.BOOT CLAMP PLIER (EARLESS TYPE) 防塵套束裝鉗(尖頭) LENGTH: 240mmL



#### CVBP-2

C.V.BOOT CLAMP PLIER **HEAVY DUTY** 

防塵套束裝器鉗(可延長)

LENGTH: 240mmL



# **CVBC**

CVBP-4

(EAR TYPE)

LENGTH: 235mm

C.V.BOOT BANDING TOOL W/ CUTTER

0 0

簡便型防塵套束裝器(附切刀)

C.V.BOOT CLAMP PLIER

防塵套束裝鉗(平口)

LENGTH: 225mm





C.V.BOOT CLAMP PLIER

防塵套束裝鉗 LENGTH: 260mm

## CVBC-12

CV BOOT HOSE CLAMP CUTTER

防塵套破壞剪



#### ACWB-18

CVBP-5

防塵套束裝鉗

LENGTH: 179mm

C.V.BOOT CLAMP PLIER

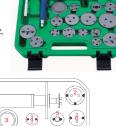
18PCS AIR CALIPER WIND BACK KIT 氣壓式煞車分泵調整組

1PCS AIR CALIPER Specification: 17pcs

NO.2, NO.3, NO.4, NO.5, NO.6, NO.7, NO.8, NO.9, NO.0, E, G(F), K, K1, M, M2, N and Z(A)









21PCS UNIVERSAL CALIPER WIND BACK KIT 煞車分泵調整組(通用型)

2PCS ROTATING CALIPERS

Specification: 19pcs NO 1 NO 2 NO 3

NO.4, NO.5, NO.6, NO.7. NO.8, NO.9, E. G. K. K1. K2. M.N.



1	Plate dia. 25.97mm	Е	NISSIAN MAXIMAS
2	CITROEN, HONDA.	G	OPEL
3	AUDI, BMW, CITROEN, FORD HONDA, MERCEDES BENZ, FIAT/ ALFA ROMEO, NISSIAN, MITSUBISHIETC.	к	CITROEN
4	FORD, MAZDA, SAAB FIAT, ALFA ROMEO, HONDAETC.	K1	CITROEN, RENAULT
5	3/8" ADAPTOR	K2	CITROEN, RENAULT
6	NISSAN, PRIMERA, VW/GOLF IV	M	FORD, MINI, MAZDA 3.
7	AUDI, ROVE, SUBARU, FORD, GRAND, NISSIAN, PEUGEOT, TOYOTA, VW/GOLF	N	SAAB, HONDA, ALFA ROMEO, AUDI, VW, LANCIA
8	GM MOST 1-7/8" DIAMETER PISTONS	Z	RENUALT
9	GM MOST2-1/8" DIAMETER PISTONS	0-DISC	
0	GM MOST 2-1/2" DIAMETER PISTONS	טפוטיטן	

#### **CWB-11**

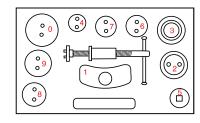
11PCS CALIPER WIND

BACK TOOL KIT

煞車分泵調整組 (通用型) PCS ONLY RIGHT ROTATING CALIPER Specification: 10 PCS

NO.1, NO.2, NO.3, NO.4, NO.5, NO.6, NO.7, NO.8, NO.9, NO.0.





3PCS AIR CALIPER WIND BACK KIT 3件氣壓式煞車分泵調整組



## CWB-7

2 & 3 PIN BRAKE PISTON REWIND **BACK TOOL** 

7件多煞車分泵調整組

Description: Range is 20~35mm



# CWB-6

BRAKE CALIPER REWIND TOOL KIT

6件煞車調整組

Description: Pins Max load 50Nm



#### DBPS-2

DISC BRAKE PISTON SEPARATOR 碟式煞車調整器

FITS IN BRAKE CALIPER TO PUSH BACK PISTONS FOR NEW BRAKE PADS INSTALLATION.

Capacity: 0~70mm



#### DBPS-3

DISC BRAKE PISTON SEPARATOR

碟式煞車調整器

EASILY INSTALLS PADS ON MOST CARS. COMPRESSES DISC BRAKE PISTON FOR FAST INSTALLATION. Length: 140mmL



#### DBPS-4

DISC BRAKE PISTON COMPRESSOR

(4 PISTONS) 蝶式煞車調整器

Description:

\* Pusher width: 88mm

\* Applicable: BENZ, BMW,

and 4 pistons vehicle.











#### HKPR-5

#### UNIVERSAL CALIPER BRAKE PISTON REMOVER

煞車分泵活塞拆卸器 Description: Operationn range: 25~35mm



#### **BCH**

#### BRAKE CYLINDER HONE

煞車三爪内徑研磨器

(64mm)

Range: 19~64mm Stone: 3pcs with 28.5×5×3mm



#### HK2T-14

#### BRAKE CALLIPER GULDANCE THREAD REPAIR SET

煞車卡鉗攻牙組

CONTENTS: REPLACEMENT BUSHESWITH COPPER RING M9X1.25 (PACKING UNIT 10 PCS) SPECIAL CORE DRIL SPECIAL TAP M9X1.25 HEX KEY:7mm



#### HKSD-2

#### Brake Spring Tool 煞車彈簧拆裝器

\* Removes and installs import



## HKCLN-2

#### BRAKE CYLINDER GROOVE CLEANER

煞車分泵槽清潔器

The handle has 120L x 6mm and made from 2" wire wheel, to clear surface dirt.



#### **HXEX**

# PIPE EXTRACTOR



#### POCKET BRAKE FLUID TESTER

煞車油測試器

LED display: Green: no water - OK. Yellow/yellow/red/red: At least4% of water Change the oil urgently.



#### H715P

## **OIL INSPECTION SYRINGE 1.5L**

1.5升注射器

Description: Capacity: 1.5L For Motor oil, gear oil,



#### HKTG-8

#### 8PCS MANUAL BRAKE GAUGE SET

煞車皮厚度量規

Green(8, 10, 12mm)-Good Yellow(4, 5, 6mm)-Dangerous, Red(2mm & 3mm)-Bad



#### BSP-1

#### BRAKE SPRING PLIER

THREAD REPAIR SET

煞車卡鉗座螺牙再生器

Replacement bushes with copper

ring M9X1.25 (packing unit 10 pcs)

煞車彈簧鉗(鼓式煞車)

TOOL EASILY REMOVES AND INSTALLS SHOERETURN SPRINGS ON MOST DRUM BRAKES. SOCKET END REMOVES SPRING FROM ANCHOR STUD AND NOTCHED END INSTALLS SPRING ON ANCHOR. TOOL IS CHROME PLATED TO RESIST RUST AND

Length: 13"

HK2T-16

Contents:

HKSR-3

Special core drill

Special tap M9X1.25

煞車彈簧拆裝器

Length: 310mm



## **HKWP**

HKDG-60

GAUGE

HKSD-1

煞車盤/輪胎深度尺

**COMPRESSORS** 煞車彈簧拆裝器

MEASURE RANGE:0~60mm. \* \* MADE OF ALUMINUM.

\* \* BRAKE DISC.

### UNIVERSAL DRUM BRAKE SPRING

BRAKE SHOE RETAINING SPRING

For brake shoe retaining spring washers 5/8" to 11/16"(16 - 17mm) diameter.

BRAKE DISC AND TYRE DEPTH

WASHER PLIERS 煞車彈簧墊片拆裝鉗

Description: Length: 180.5mm



# HWMK-7

#### 7 PCS WHEEL HUB MAINTENANCE KIT

7件輪鼓清潔器組

Suitable for use with power drill or air impac . wrench.



## HXHK-2

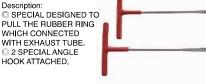
#### 2PCS RUBBER RING HOOK TOOL SET

DRUM BRAKE RETURN SPRING TOOL

2件排氣管膠墊拉鉤組

PULL THE RUBBER RING WHICH CONNECTED

WITH EXHAUST TUBE. 2 SPECIAL ANGLE HOOK ATTACHED.



#### **HXPAN**

## EXHAUST PIPE EXPANDER

排氣管擴張器

Description: Application range: 40~64mm



## HKBP-8/-10/-11

## BRAKE BLEEDER WITH SPANNER

扳手型煞車油洩油管

1.2M silicon hose with check valve for safety operating.

編號	規格
Item	Size
HKBP-8	8mm
HKBP-10	10mm
HKBP-11	11mm

#### H755X

MANUAL FLUID **EXTRACTOR 5.5L** 5.5L手動式抽油機



## **HXGP**

#### **EXHAUST GROMMET PLIERS** 排氣管索環鉗

\* Self-locating

forcing pin. \* "Cushioned" slip-

resistant handles. \* 250 Offset for

\* Length: 280mm

#### **HXPC**

## RATCHET EXHAUST PIPE CUTTER

排氣管切斷器 Description:

1-3/8" ~ 2-5/8" 35~66mm



## OIL INSPECTION SYRINGE 200C.C.

200C.C.注射器

Description: Capacity: 200c.c. For brake oil change and water tank.



## H795X

**EXTRACTOR 9.5L** 

9.5L手動式抽油機



















#### HN785X

#### PNEUMATIC FLUID **EXTRACTOR 8.5L**

氣動式抽油機

- \* Air inlet 1/4 "
- \* AVG, Air cons 2CFM
- \* Working pressure 40-170PSI
- \* Max. Capacity 8500cc
- 1 Meter silicon hose with universal rubber adaptdr

#### **HK710L BRAKE BLEEDER FILLER**

煞車油補充壺 Description: 1000c.c.



#### H923 **CLOCK OIL METER**

指針式機油流量表

5L for a round. Accurancy:+/-5% Working pressure: 8kg/cm2 Thread: 1/4" PT



#### 720 OIL SUCTION GUN 500C.C. 500C.C. 標準型抽油槍



727 HAND PUMP 手動抽油機 L: 1300mm



728 **GREASE BUCKET PUMP** 手動黃油機

L: 650mm



OIL & LIQUID DESPENSER 氣動式兩用可吸油加油機 \* Air inlet 1/4"

TWO WAY PENUMATIC

HN760X2

- \* AVG, Air cons 2CFM
- \* Working pressure 40-170PSI

- \* Temperature range -3°-140°F

  \* Max, Capacity 6000cc

  \* 1.5M pu hose with super flexible rubber nozzle



#### HK713X

BRAKE OIL RECEIVER 逆止型煞車洩油壺

Capacity:1Liter Tube Irngth:1300mm



#### H924

**DIGITAL OIL METER** 電子式機油流量表

Power by 1"AA"BATTERY Flow rates from 1 to 30L/min Accurancy:+/-5%. Working pressure: 70bar

Lose of pressure: 0.7bar Thread: 1/2" PT



716W WINDOW **GREASE GUN 400CC** 400CC 黃油槍



8728

AIR OPERATED

GREASE PUMP

氣動黃油機

CAPACITY: 200L

More information about grease guns, please, refer to Hans general catalogue.





please, refer to Hans general catalogue.



#### HN720X

AIR BRAKE OIL EXTRACTOR

氣動式煞車油吸取器

- · Capacity: 2L
- Working
   pressure:70-170 psi
   Air connection:1/4
- Temperature range:-3°-140°F



# HATF795

**TRANSMISSION** FILLING SYSTEM ATF手壓式加油機

Capacity: 9.5L Flow Capacity: 75cc/cycle Hose size: 3/8 "x1500mm Size:330x260x650 Contains 8 Fitting



## **HSUG**

MAGNETIC CAMBER

**GAUGE** 

磁式水平錶



8719W WINDOW

AIR GREASE GUN 400CC FLOW & 360° ROTATION

氣動黃油槍



#### 8710/8711

AIR COMPRESSOR VACUUM OIL CHANGER

氣動抽油機 8710: CAPACITY: 40L

8711: CAPACITY: 80L







#### **TPG-E3**(2-1/2"METER) **TPG-U3**(3-1/2"METER) **3 FUNCTION TIRE** PRESSURE GAUGE 三用胎壓表

Description: LENGTH: TPG-E3(2-1/2"METER) TPG-U3(3-1/2"METER) THREAD (PT, NPT): 1/4" MAX PRESSUR: 14KGF/CM²(200PSI) TEMP RANG -20°-80°C HOSE: 85CM



#### TPG-U1

3 FUNCTION TIRE PRESSURE GAUGE 2" (Simple mold only Inflator) 三用胎壓表

Description THREAD(PT, NPT): 1/4" MAX PRESSUR: 14KGF/CM<sup>2</sup>(200PSI) TEMP RANG: -20°-80°C HOSE: 30 CM



## TPG-A1

3 FUNCTION TIRE PRESSURE GAUGE 2" (Inflator & Exhaust)

三用胎壓表

Description THREAD(PT,NPT): 1/4"
MAX PRESSUR: 14KGF/CM<sup>2</sup>(200PSI) TEMP RANG: -20°-80°C HOSE: 30 CM













## CHASSIS SYSTEM TIRE SYSTEM



TPG-2

TIRE PRESSURE GAUGE TESTER KIT 壓力測試計組

Description MAX PRESSURE: GAUGE:170PSI/12BAR HEAVEY DUTY STEAM 120mm FLEXIBLE HOSE 300mm



## TIRE PRESSURE GAUGE 胎壓計

Description GAUGE: 10~140PSI (1~10KGF/CM<sup>2</sup>) LENGTH: 240mmL



## AIR INFLATOR 打氣頭

Description ZINC ALLOY HEAD STEEL TUBE COVERED DUAL CHUCK LENGTH: 230mmL



#### 06178

4PCS TORQUE DRIVER SET FOR TPMS

固定式扭力扳手組 0178-10N (1~10N.m)

2300 M11, M12 2000 041-3 T10, T15, T20





#### BAP

WHEEL WEIGHT **BALANCE PLIER** 輪胎鉛子平衡鉗



## **TRTK**

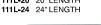
TIRE REPAIR TOOL KIT 補胎修配工具組



#### 111L-12/-16/-20/-24

TIRE LEVER 輪胎扳手

111L-12 12" LENGTH **111L-16** 16" LENGTH **111L-20** 20" LENGTH





WHEEL STUD ALIGNMENT GUIDE TOOL INFO

8件小車輪胎定位桿組

Description: \* Applicable: all Mercedes models with lug bolts. \* Size: 12 m/m x 1.25: 12 m/m x 1.5; 14 m/m x 1.25; 14 m/m x 1.5



#### **HYCG**

TIRE TREAD DEPTH CONSUMPTION GAUGE 輪胎深度規 90×55mm



### **HYG-R**

TIRE TREAD DEPTH CONSUMPTION GAUGE (ROUND)

圓表型輪胎深度規

Gauge dia.:  $\phi$  47 mm. pTesting capacity: 0~1.6mm red 1.6~2.0mm yellow 2.0~11mm green.



#### HYRP-2

**RIM PROTECTOR** 2件輪胎保護墊

- · To protect the wheel rims form damage.
- Total: 2pcs



#### **HYPG**

MAIVUAL TIRE PRESSURE GAUGE

棒式輪胎胎壓筆

· Calibrated in 0.2 kgs/cm²(20kPa) increments from 1 to 11kg/cm²(100~1100kPa)



#### **HKSG**

**BRAKE SHOE GAUGE** 



## HYTQ-1/-2

VALVE CORE TORQUE TOOL

扭力型氣門心起子



ITEM	TORQUE	VALVE TYPE	COLOR
HYTQ-1	25N.cm/2 lbf.in (+-6%)	RUBBER	RED
HYTQ-2	45N.cm/4 lbf.in (+-6%)	METAL	BLACK

## **HYFE**

FENDER EXTENDING TOOL

輪弧擴張器

Before installing the new tyre, using this tool to extend the fender to make the work easier



















#### FCT-M

#### DOUBLE FLARING AND CUTTING TOOL KIT 銅管切擴器

4, 4,75, 6, 8, 10, 12, 14mm Adapters: 5pcs 4.75, 5, 6, 8, 10mm TUBE CUTTER 3 ~ 28mm (1/8"×1-1/8")



#### SWAGING AND CUTTING TOOL KIT 銅管彎切擴管器

Flaring Tool: 2pcs Flaring 1001: 2pcs (1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4") Adapters: 6pcs 5/16", 1/2", 5/8", 3/4", (3 int: 3/16" & 1/4" & 3/8"), 90° cone. TUBE CUTTER 1/4" ~ 1-1/2"(6~38mm) FOR COPPER PIPE



## FCT-4

#### COPPER TUBE FLARING TOOL SET 輕量化偏心銅管切擴器

- Contents: 5 holes eccentric flaring tool (45°),medium tube cutting knife, burr fixing reamer.
- Applicable specification: 1/4", 3/8", 1/2", 5/8", 3/4"



## B8C-7

#### BATTERY CARRIER

電瓶提取器

• Fits all 4" to 7 (102mm~178mm) batteries, including side post batteries.



## B8P-1

### BATTERY TERMINAL PULLER

電瓶接頭拔卸器

· One-touch push open jaw. MAX. open: 28mm MAX. Collar size: 43mm



# **B8KLN**

#### **BATTERY POST & TERMINAL CLEANER** 電瓶接頭清潔器(雙用)

Length: 80mm



#### B7HR-9M

## THREAD CHASER SET (METRIC)

冷氣管螺牙修護器(公制)

· Contents: M28-1.5P, M27-2P, M24-1.5P, M22-1.5P, M20-1.5P, M18-1.5P, M16-1.5P, M14-1.5P, Puller pin.



#### B7HR-6A

#### A/C THREAD CHASER SET (INCH)

冷氣管螺牙修護器(英制)

Size: 5/8"x18UNF, 3/4"x16UNF, 7/8"x14UNF 1"x14UNF 1-1/16"x14UNF



#### **B7SNB**

### FIN STRAIGHTENING TOOL

調整型散熱片修護刷

Length: 150mm



#### **B8CMW**

## COMPRESSOR CRANKSHAFT **PULLEY WRENCH**

壓縮機皮帶盤支擋扳手

· Size of three studs:3.6, 8.0mm



#### B7CLU-14

#### **DELUXE CLUTCH HUB** PULLER / INSTALLER KIT

壓縮機培琳拆裝組

Contents Retaining bolt M6X1.25mm Adaptorx4-blank M22X1.5, M22X1.75, M24X1.5mm, Force Screws x 9



## B7NP

## **DUAL-ANGLE BRASS** LINE BENDING PLIERS

雙角度銅管彎管鉗 Special dual purpose

design, capable for bending 3/16" and 1/4" OD tube.



#### **B8LT**

#### **BATTERY LOAD TESTER (ANALOG)**

電瓶檢測器

Quickly identifying problems in battery, electrical or charging systems in 20 second test. Heavy duty cable and cope plated clamps. Stainless steel housing



## **B8LTD**

#### BATTERY LOAD TESTER (DIGITAL)

數位型電瓶檢測器

Quickly identifying problems in battery, electrical or charging systems in 20 second test. Heavy duty cable and coper plated clamps. Stainless steel housing



## **B8DMT**

#### **AUTOMOTIVE MULTI-TESTER**

電瓶電機多功能檢測器

- · For car battery, alternator check,
- · LED light,
- Magnetic backboard for voltage checker



### B3CU2

#### AUTO CIRCUIT TRACER

線路訊號測試器 · Check on 6-42V

- system. · Power: 2pcs 9V batteries. (not
- included) Build-in LED indicator: Green for power on and open circuits; Red for short circuits.
- Sensitvity levels: Low, Medium and High



#### **CRT-48**

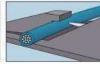
#### AUTOMOTIVE CIRCUIT TEST

正負極驗電筆

Length: 135mm







# PVT-2

#### PROBE VOLTAGE TEST 240V驗電筆

TESTING RANGE: 105~250V AV. LENGTH: 140mm SCREWDRIVER TYPE. CE/GS. CERTIFICATE.







## **BATTERY, ELECTRICAL &** AIR CONDITION SYSTEM



#### B3CUI-1

#### ELECTRIC CIRCUIT 驗電筆(一般型)

- · Sharp probe tip coverd with brass protection cap, check function of car lights faster and easier.
- Check range: 6-12, 24v



#### B3CUI-2

#### ELECTRIC CIRCUIT TESTER 起子型驗電筆

- \* Power on type tests 6,12 and 24 volt circuits.
- \*75mm inspection probe with point cover. \*120cm long 16# wire with alligator clip.



## **B3CUI-3L**

#### LED HEAVY DUTY ELECTRIC **CIRCUIT TESTER**

## LED正負極驗電筆

\* 6'(1.8m) long heavyduty 18 gauge dual leads with battery clips and spring strain relief. \* Probe length:

Approximately 90mm/3.5" \* Services 6, 12, 24 Volt systems.



#### **B3CUI-C**

#### **CORDLESS CIRCUIT TESTER** 無線型驗電筆

- · Sharp probe tip coverd with brass protection cap, check function of car lights faster and easier.
- · Check range: 6-12, 24v



### B8CUI-4L

## LED HEAVY DUTY CIRCUIT TESTER

LED專業型驗電筆(一般/油電車)

- For general and hybird card \* Check 12V and 42V system
- \* Probe length:Approximately 90mm/3.5"
- Safe for low current circuits since tester only draws 3mA at 12V.



#### B8ATS-2

#### 12V AUTOMOBILE POWER SUPPLY OBD-2 電源供應器

- · Connect the adapter from battery to OBD-II plug for continue power supply.
- Optional power
- supplier: 112V battery
- 29V dry battery
- The adapter with 2 LED sdisplay.



#### B3MT-E

## MUTITESTER

#### 指針式三用電錶(保險絲)

- DCV : 0-10-50-250-500 V V (20KΩ/V)±3%
- AVC : 0-10-50-250-1000 V (8KΩ/V)±4%
- DCA : 0-50μA-2.5mA-25mA-0.25mA (250mV)±3%
- · OHM ·
- 0-2ΚΩ-20ΚΩ-200ΚΩ-2ΜΩ-20ΜΩ • dB : -10dB to +50dB • Iced : 150mA > 15mA > 150μA
- I V · 3V
- Fuse & Diode protection

#### B3MT-D

## DIGITAL MULTIMETER

數字三用電表

Tach: 0~1999(X10)RPM, 0~1999(X1)RPM Duty cycle: 0.0~90.0% Dwell: 4,6,8 cylinders DC Volt: 200mV, 2V, 20V, 200V. DC Current: 15Amp Resistance: 200Ω,20ΚΩ,200ΚΩ

Temperature : 0~ 2000°F, -20~1000°C AC Volt: 200V. 750V



### **B8GPGT**

#### MUTI GLOW PLUG TESTER

預熱塞測試器

 Auto switch off. Voltage supply by 9V battery.



## **B8PLG**

## IN-LINE SPARK PLUG TESTER

火花測試器

DESCRIPTIONS: TEST FOR NO SPARK CONDITION WITH CE AND ROHS APPROVAL. HANDY POCKET SCREW DRIVER TYPE. CHECKS DEAD SPARK PLUGS IN AUTOMOTIVE



#### **B8KBP**

#### **BOILING POINT BRAKE FLUID TESTER**

煮沸式煞車油檢測器

Power:12v automotive battery Working Environment:0-50C Use on oil type of DOT3,DOT4 DOT5 1



#### FEELER GAUGE FOR SPARK PLUG 火星塞量規

TSCTING RANGE: 0.6~2.4mm 0.02~0.100IN



#### B8GP-1

#### SPARK PLUG WIRE PLIERS

火星塞高壓線鉗(小型) · Length: 200mml

### **B3LTD-13**

## PROBE AND TEST ADAPTORS SET

13件測試線組

Total: 13 pcs Alligator Clip x 2 pcs Testing Probe x 2 pcs Testing Needle x 4 pcs Insulator Pierce Through Clip x 1 pc Polarity Tester / Stroboscope x 2 pcs Male / Female to Male / Female Extension Wire x



## B8GP-2

#### SPARK PLUG WIRE PLIERS

火星塞高壓線鉗

- T200mm long, for R &
- R spark plug
   For models 190E & 300E.
- most European car.
- Length: 200mm.



# B8LP-1

### RELAY PLIERS 拔卸鉗

· For safe installing and removing of relays commonly found on modern vehicles



#### **B3LTK-92**

## TERMINAL TEST KIT (92PCS)

92件測試線組

- \* Alligator clip x 2 pcs
- \* Testing probe x 2 pcs \* Flat terminal x 48 pcs
- \*Testing needle x 4 pcs \*1 to 2 connector x 2 pcs
- \* Round terminal x 24 pcs \* 5K variable resistor x 2 pcs
- \* Polarity tester/stroboscope x 2 pcs
- \* SRS air bag replacement connector x 2 pcs
- \* Male / Female to Male / Female Extension Wire x 4 pcs



#### **B8RMK-19**

## MASTER TERMIANL TOOL KIT

端子拆卸器組

Contains 19pcs different kinds of terminal tools





2 pcs

















#### **RETS**

#### 20PCS RADIO REMOVAL TOOL SET 音響取出維修工具

Description 2pc Radio Removal U-Hook (New Blaupunkt)

1pc Special Pentagon Wrench (BMW)
4pc Radio Removal Keys(VW/Audi/Becker/Mercedes-Benz) 2pc Radio Removal Keys(Mercedes-Benz/Parsche/Becker) 2pc Radio Removal Keys(VW)

2pc Radio Removal Keys(New Skoda) 2pc Radio Removal Keys(New Becker)

2pc Radio Removal Keys(Ford/VW/Audi/Grundig/Blaupunkt)
1pc Allen Hex Wrench (BMW/Opel)

2pc Radio Removal Keys (Panasonic 2006)



#### B8LP-2

#### RELAY PLIERS 繼電器拔卸鉗

- Used for removing the electrical
- relavs on most vehicles.
- The tips of the pliers are angled to fit slots or the edge of relay cover



#### **B7R12V**

R12 CAN TOP VALVE R12冷凍油開瓶器 For R-12 A/C Female thread 12x1.25 Male thread



### B7R134V

R134A CAN TOP VALVE

R134A冷凍油開瓶器

B7R134A/ B7R134M

R134A調整型快速接頭組

R134A MANUAL SERVICE COUPLER

For R134a A/C system. Female thread:14x1,25 Male thread:18x1.5



# B7RFG-A

AIR CONDITIONING SYSTEM MANIFOLD WITH SIGHT GLASS R12/R134A共用冷媒高低壓錶鋁製

- · Material:Aluminum
- For R12 and R134a
- · With sight class. · Without adjustable
- coupler



#### B7R134Q

R134A MANUAL SERVICE COUPLER R134A調整型快速接頭組直接式





## B7RFG-B

AIR CONDITIONING SYSTEM MANIFOLD WITH SIGHT GLASS R12/R134A共用冷媒高低壓錶銅製

- · Material:Copper
- For R12 and R134a
- · With sight class.



## **B7R134QL**

R134A EXTRA LONG SERVICE COUPLER R134A特長高壓快速接頭

Total length:85mm, O.D. :  $\phi$  26mm For BMW,VOLVO



## B7R1234Q

B7R134M

B7R134A

R-1234YT COUPLER SET R-1234YT 調整型快速接頭組

For new system R-1234yf



### B7RWK-5

AUTO A/C SWIVEL ADAPTERS KIT

5件冷媒轉接頭

- Two flexible adapters:
- 1/4" x 3/16",1/4" x 1/8"
   Three 90 brass
- adapters: 1/4" x 1/4", 1/4" x 3/16",1/4" x 1/8"



## B7RFV-14

UNIVERSAL VALVE CORE REMOVER/ INSTALLER TOOL Kit

冷媒風嘴拆裝組

valve assembly	JRA R134 valve core Rod	
R134a H	Volvo and 8mm	
R134a L	Adapter 1/4" M X 3/16" F	
5/16" FL swivel connector	Adapter 1/4" M X 1/2" ACME F	
1/4" FL swivel connector	H 14 Wrench	
Standard valve core Rod	2 side valve core Remover	
GM large bore valve core Rod		

## B7AD-57

A/C SYSTEM TESTING ADAPTORS SET(GENERAL)

冷氣管路測漏接頭(一般車)

- Various adaptor for testing leakage on each parts of air
- condition system.

   Suitable for testing Drier, Expansion valve, Compressor, Air condensor,
- and evaporator etc.. · Applicable: Universal type.



#### B7AD-57J

A/C SYSTEM TESTING ADAPTORS SET (JAPANESE CAR)

冷氣管路測漏接頭 (日規車)

 Applicable: All japanese car.



#### B7AD-74J

A/C SYSTEM TESTING ADAPTORS SET (JAPANESE COMBINATION)

冷氣管路測漏接頭 (日系綜合型)



#### B7AD66U

A/C SYSTEM TESTING ADAPTORS SET (EUROPEAN & AMERICAN

COMBINATION)

冷氣管路測漏接頭 (歐美系統綜合型)













## **BATTERY, ELECTRICAL &** AIR CONDITION SYSTEM



#### B7AD-78

UNIVERSAL A/C TESTING ADAPTER SET 萬用冷氣管路測試接頭

- · All brass fittings.
- All HNBR gaskets.



#### B7FTC-7 A/C FUEL LINES QUICK **DISCONNECT TOOL SET**

7件冷氣油管拆卸組 Size: 1/4",5/16",3/8", 1/2",5/8",3/4",7/8"



#### B7ADL-13 SIMPLE TYPE A/C TESTING ADAPTER SET

簡易型冷氣測漏檢測組

\* Specially designed for various A/C system fitting and tube from 1/4" to 7/8" \* Contents 2 clamps with gaskets 3/8", 1/2", 5/8" 3/4" /each 2PCS.



2000000

#### B7FTD-21

21 PCS FUEL & A/C TOOL KIT 21件冷氣油管拆卸組裝工具

- \* Spring lock couplings: 3/8", 1/2", 5/8", 3/4", \* Colour doded
- 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/GM quick disconnect tool
- 7pc disconnecting set
  Spare rubber bands

#### **B7SOK-8**

ANTENNA SOCKET SET 8PCS

有齒特殊套筒組(8件) For MERCEDES, BMW,

VW, GM, AUDI, FORD, HONDA, MAZDA, NISSAN, MITSUBISHI, TOYOTA.



## FTD

FUEL & TRANSMISSION LINE **DISCONNECT TOOL SET** 

傳輸線圏連接工具組

Description BLUE: 1/2" GOLDEN: 3/8" RED: 5/16" BLACK: 1/4"



#### **ACDT**

A/C DISCONNECT TOOL A/C連接工具

- All the disconnect tool you need to work with spring locking coupling, fuel line, And transmission cooler lines.
- Demolition of air-conditioning tubing.
- Apply to domestically produced vehicles. TOYOTA, MITSUBISH, FORD, NISSAN 73mmx21mm



#### B7FTD-10

Master Deluxe Line Disconnect Tool Set 10件彎形冷氣油管拆卸組

Material:PLASTIC Materian:PLASTIC (Dark Grey) Size: 1/2",(Blue) Size: 5/8",(Black) Size: 3/4", (Silver) Size: 7/8",(Red) Size: 5/16",(Gold) Size: 3/8", (Jacinth) Size: 3/16",(Purple) Size: 3/8",(Orange) Size: 1/2", (Light Green) Size: 1/2".



#### B7UVL-2 **UV LIGHTER**

螢光測漏燈

With 3500W halogens lamp. 12V input with battery clip.













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# C1-1

**CLAMP** 張引夾

Description Single Direction Operation Long jaw for narrow space Capacity: 1ton



# CC-3

CLAMP 張引夾

Description SINGLE DIRECTION OPERATION CAPACITY: 3TON



#### CB-25 CLAMP

張引夾

Description Two Direction Operation Capacity: 2ton (Cross) 5ton (Longitudinal)



### CC-3N

**CLAMP** 張引夾

Description Single Direction Operation Suitable for narrow space for jaw surface not even. Capacity: 3ton



## CC-23

CF-5

**CLAMP** 張引夾

Description Two Direction Operation Suitable for narrow space for jaw surface not even Capacity: 2ton (Cross) 3ton(Longitudinal)



## CD-5

**CLAMP** 張引夾

Description Single Direction Operation Capacity: 5ton



#### CE-5 **CLAMP**

張引夾

Description TWO DIRECTION OPERATION CAPACITY: 5TON





### CF-35 CLAMP

張引夾

Description Two Direction Operation Long surface for thin sheet. Capacity: 3ton (Cross) Capacity: 5ton(Longitudinal)



## 5773

**CURVED PEIN & FINISHING HAMMER** 

鈑金槌 Description WORK FOR THE



#### 5774

**CURVED CROSS CHISEL HAMMER** 

鈑金槌

Description WORK FOR THE CAR BODY REPAIR



#### 5776

CURVED CROSS CHISEL HAMMER

鈑金槌

Description WORK FOR THE CAR BODY REPAIR



#### 5775

LIGHT SHRINKING HAMMER 鈑金槌

Description WORK FOR THE CAR BODY REPAIR



#### 5775D

STANDARD BUMPING HAMMER

鈑金槌 Description WORK FOR THE CAR BODY REPAIR



## ABR-1

UTILITY DOLLY 鈑金墊

Description

-(RED PAINTED FINISHED)-HEAD MATERIAL: 1055 MEDIUM CARBON STEEL HEAD PLISHED: MIRROR POLISHED



#### ABR-2

**CURVED DOLLY** 

鈑金墊 Description

-(RED PAINTED FINISH)-HEAD MATERIAL:1055 MEDIUM CARBON STEEL HEAD PLISHED:MIRROR POLISHED

## ABR-3

THIN TOE DOLLY

鈑金墊

Description -(STAND-BLASTED FINISH)-HEAD MATERIAL:1055 MEDIUM CARBON STEEL HEAD PLISHED:MIRROR POLISHED



DRIPMOULDING SPOON -

(BLUE PAINTED)

鈑金墊

Description HEAD MATERIAL: MEDIUM CARBON STEEL HEAD PLISHED:MIRROR POLISHED



## ABR-5

**FLAT SPOON** 

鈑金墊

Description -(LIGHT DUTY STAND BLASTED FINISH) HEAD MATERIAL:1055 MEDIUM CARBON STEEL HEAD PLISHED:MIRROR POLISHED

# ABR-7

**7PCS AUTO BODY** REPAIR TOOL KIT

7件式鈑金工具組 Description THE COLLECTION OF AUTO BODY REPAIR TOOL.



7PCS "RUBBER" DOLLY SET

7件式橡膠鈑金墊組



## BWC-2

**BUTT WELDING CLAMP** 

點焊束裝



ASWC-2

WELD CUTTER 點焊去除鑽頭

(3/8", 5/16")



### MCT-4R/MCT-6R

MAGNETIC COLLECTOR TRAY

磁性吸盤

Description MTC-4R: 110mm(4-3/8") MTC-6R: 150mm(5-3/4")



#### ADP-3

AIR DENT PULLER

氣動鈑金凹陷拉拔器 CONTENT: 3LBS SLIDING HAMMER BRASS SHUT OFF VALVE 13LENGTH INLET HOSE

AIR EXHAUST FROM THE HANDLE 1/4" AIR PLUG 3PCS SUCTION PADS (60mm, 120mm and 150mm)



## ACP-5

AUTOMATIC CENTER PUNCH

自動中心沖 LENGTH: 5"



## MFC

MAGNETIC FENDER COVER

防刮墊



1100mm × 560mm













## INDOOR SYSTEM



BT-3B

**REMOVER** 

9.5×110mm L

膠扣起子

#### BT-1B TRIM PAD TOOLS 膠扣起子

6.2×115mm L



#### BT-5B TRIM PAD TOOLS

膠扣起子

6×100mm L



#### BT-7

TYRE LEVER FOR MOTORCYCLES 摩托拔輪起子

26.2×170mm L



#### BT-8

**BATTERY CAP TOOL** (SEMICIRCLE DRIVER) 電池膠扣起子

DOOR UPHOLSTERY PANEL

8.0×100mm L



#### BT-4B

DOOR UPHOLSTERY PANEL **REMOVER** 

膠扣起子



#### BT-10

**SCRAPER** 

刮刀 9.5×125mm L

BT-6S

鉸刀

REAMER

6×120mm L



#### BT-6

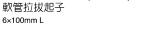
HOSE PLUCKER (L TYPE) 軟管拉拔起子

6.2×80mm L



#### BT-6U

HOSE PLUCKER (U TYPE)



## BT-6H

**HOOK TOOL** 拉勾起子

0.8×125mm L

BTM-4



4 PCS MINI PICK & HOOK SET

4件精密提取和彎勾組

Small Angle Hook

Straight Pick Degree Hook Full Hook

BT-6L

HOSE PLUCKER (L TYPE) 軟管拉拔起子

6.0×90mm I



#### BTU-4

4 PCS SCRAPER & REMOVER SET

4件刮刀和去除器組



MPT-P0400/ P1500/ 2900/ 4500 POCKET MAGNET PICK UP TOOL

伸縮磁吸撿拾器

120~635mm, 130~630mm, 174~900mm



## BT-9/-BT-12/-BT-18/-BT-24

PRY BAR 撬棒

9", 12", 18", 24"



#### BTR-4

**4PCS PRY BAR SET** 4件撬棒組

9", 12", 18", 24"

## MPT-F650/ F1000/ F2000/ F3000

FLEXIBLE MAGNET PICK UP TOOL

可彎曲磁吸撿拾器

LENGTH: 560mm



### WCT

WINDOW & DOOR CLIP TOOL

門窗扣夾工具

Description OFF-SET DESIGN TO BEMOVE & INSTALL DOOR HANDLE & WINDOW CRANK CLIPS HELPS PREVENT DAMAGE TO DOOR PANEL UPHOLSTERY. LENGTH:266mm



#### **NDSOR**

PROFESSIONAL SOLDERING IRON 專業型瓦斯焊槍

Length:177mm

Fuel type: Butane (Normal lighter gas)

Operating time: 60~75 min Gas Volume (mL): 15 Flame temperature: 1300° Soldering temperature: 450° C Hot air temperature:600° C



#### LED-36

LEDINSPECTION LIGHT

LED檢驗燈

36PCS LED SPOTS AND 1 POWERFUL LED EASY POWER CHARGE: 4PCS AAA BATTERIES CAN WORK AVAILABLE. LENGTH:230mm



WRK

WINDSHIELD REMOVAL KIT

擋風玻璃維修工具組

Description

- 1 TRIM PAD TOOL
- 2. WIRE FEEDER TOOL 3. WINDSHIELD MOLDING
- 4. STAINLESS WIRE
- 5. WINDSHIELD REMOVAL

6.WIRE GRIPPING HANDLE



#### LED-27

LEDINSPECTION LIGHT LED檢驗燈

27PCS LED +6PCS top U.V. light AC100~240V 50/60Hz charger LENGTH:255mm



## NDAB-7

7PCAIRBAG REMOVAL TOOL SET

歐系安全氣囊工具組

For European brand car



## LED-34

LEDINSPECTION LIGHT LFD檢驗燈

30PCS of LED with top light LED 4pcs AC100~240V 50/60Hz & DC12V~24V LENGTH:265mm



