



F1954 BALL JOINT SEPARATOR

橫拉桿球頭拔卸器(日規)

- Heat treated drop forged steel body & bolt for long rough usage.
- Spread ball joints easily where space prevents use of direct action method.
- Jaws open: 19mm.



1336 BALL JOINT SEPARATOR

窄型橫拉桿球頭拔卸器

- Special design for using on ball joint removal.
- The mini operation space: 6~7mm.
- Jaws open: 19mm



1727 UNIVERSAL BALL JOINT SEPARATOR

橫拉桿球頭拔卸器(歐規)

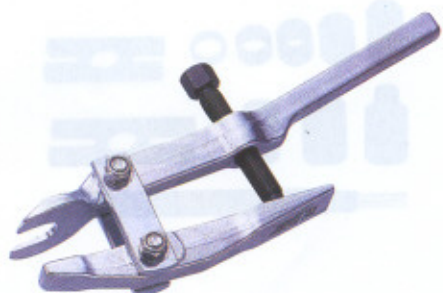
- Special design 2-stage operating suits most cars and light trucks ball joints in steering & suspension.
- Offset lever permits maximum jaw opening in 30mm & 56mm.
- Jaw open: 22 mm.



1916 UNIVERSAL BALL JOINT EXTRACTOR

雙調式橫拉桿球頭拔卸器

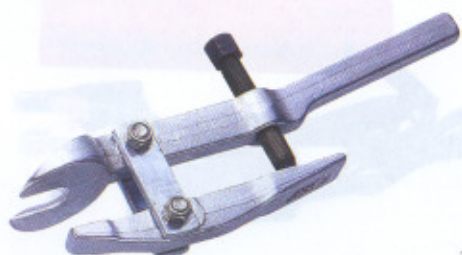
- For splitting track-rod ends, anti-roll bar mountings, ball joints, etc.
- Jaw open: 22 mm.



1914 UNIVERSAL BALL JOINT PULLER

雙用式橫拉桿球頭拔卸器(小型)

- For removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.
- Jaw open: 17 mm.



1915 UNIVERSAL BALL JOINT PULLER

雙用式橫拉桿球頭拔卸器(大型)

- For removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.
- Jaw open: 17 mm.

F0416 BALL JOINT SEPARATOR

插式橫拉桿球頭拔卸器(小車)

- Tempered drop forged steel one piece construction for long & rough usage.
- 21/32" (18mm) Fork, 16" (410mm) length replaces worn out tie rods easily with a hammer striking.
- Also can separate shock absorber links.



F0412 BALL JOINT SEPARATOR

插式橫拉桿球頭拔卸器(大車)

- Tempered drop forged steel one piece construction for long & rough usage.
- 15/16" (24mm) Fork, 11-7/8" (300mm) length replaces worn out ball joints easily with a hammer striking.
- Also can remove CV drive shafts on FWD vehicles.



F0428 BALL JOINT SEPARATOR

插式橫拉桿球頭拔卸器(28mm)

- Tempered drop forged steel one piece construction for long & rough usage.
- 1-1/16"(28mm) fork, 11-7/8"(300mm) length replaces worn out ball joint easily with a hammer striking.



1247 BALL JOINT SEPARATOR

立式橫拉桿球頭拔卸器(19mm)

- Applicable on powerful structure.
- Stand design to solve the space problem.
- Jaws open: 19mm



立式橫拉桿球頭拔卸器(歐規) **BALL JOINT SEPARATOR**

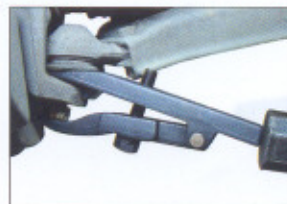
| 編號 Item | 開口 Jaws open | 開口深 Jaws deep | 適用車種 Applicable |
|-------------|-----------------|------------------|---|
| 1257 | 23 | 25 | Audi,BMW,Citroen,Ford,Mercedes, Opel,Peugeot,Renault,Rover,Saab, Volvo,VW,Japanische,Pkw etc. |
| 1258 | 28 | 25 | Audi,A4,A6,A8,VW, Passat ab '97 etc. |



撞擊式橫拉桿球頭拔卸器 **BALL JOINT SEPARATOR**

- Special designed a hitting base in back of the jaws for hitting the ball joint base to remove easily.
- The design will make the ball joint shaking strongly when you hit the remover.

| 編號 Item | 開口 Jaws open | 適用車種 Applicable |
|-------------|-----------------|------------------------|
| 1038 | 21 | various small vehicles |
| 1434 | 33 | various trucks |

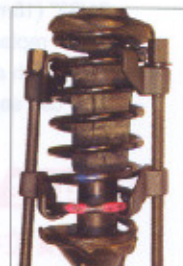




F270 DROP FORGED COIL SPRING COMPRESSOR

捲型彈簧壓縮器(短型)

- Heat treated drop forged CR-V steel jaws & leaded screws (270 mm)
- The tool is designed for use in limited space under wheel arch.
- Specially designed claws to wrap on coil spring safely.
- Maximum jaw opening is 270 mm.



F370 DROP FORGED COIL SPRING COMPRESSOR

捲型彈簧壓縮器(長型)

- Heat treated drop forged CR-V steel jaws & leaded screws (370 mm)
- The tool is designed for use in limited space under wheel arch.
- Specially designed claws to wrap on coil spring safely.
- Maximum jaw opening is 370 mm.



1401 HEAVY DUTY COIL SPRING COMPRESSOR

爪式避震器彈簧壓縮器

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



1955 SPRING COMPRESSOR STAND

立式彈簧壓縮器(口型)

- Two different U type hooks applicable for most cars.
- Grease the screw before use.



1956 SPRING COMPRESSOR STAND

立式彈簧壓縮器(專利型)

- Adjustable jaws suit applicable most cars.
- Grease the screw before use.
- Patented.

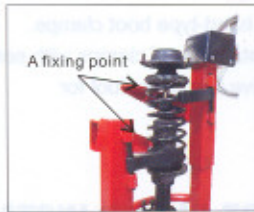
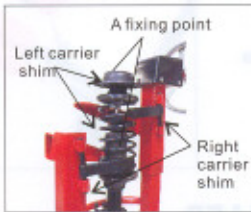




1404 SPRING COMPRESSOR STAND

四點固定式避震器彈簧壓縮台

- Special design for 4 fixing points to compress the spring equally.
- Ideal for most cars due to the carrier shims can adjust in up-down and front-back direction.
- With 4 fixing points to prevent slip while operated.
- Round design of steering disc, it will be save a lot of manpower.
- Suitable for removing the shock absorber spring easy and quick.
- Patented.



1. Rotate the steering disc for adjusting the left/right carrier shims' distance which can be put the spring.

2. Take the shock absorber spring to hold on a fixing point of the left carrier shim before rotating the steering disc. Gently press the left carrier shim to match the spring. It's mean the shock absorber spring should be vertical.

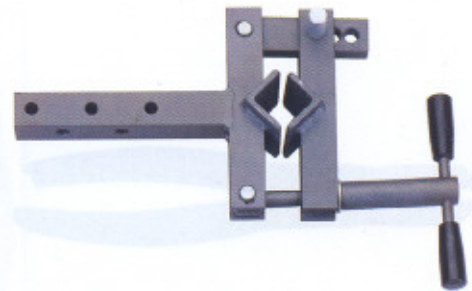
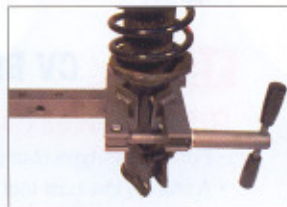
3. Hold the spring on a fixing point of the right carrier shim also. (The left carrier shim must lock on superior margin of spring and the right carrier shim lock on inferior margin of spring). After confirming the fixing points have catch on the spring, please rotate the steering disc for compressing the spring and removing oil hydraulic cylinder.



1246 COMPRESSOR FIXED BASE

彈簧避震器固定座

- There has 5 holes on the frame use to fix on the workbench.
- Use adjustable clamp with different size of compressor cylinders.
- This fixed base is using to fix the compressor tightly, it will not move easily on working.
- It's more safe, easy, and convenient.



1941 INTERCHANGEABLE-FORK SPRING COMPRESSOR

免拆式避震彈簧壓縮器

- Spring compressors are multi-application tools specifically.
- Developed for modern macpherson suspensions, using a range of 3 sets of interchangeable forks.





1217 CV BOOT CLAMP TOOL

扁型防塵套束裝器

- Easy to work in the narrow space.
- Extra work on nose makes it compact.
- A socket with ratchet is used to turn the actuating screw for adjustment.



1833 CV BOOT CLAMP TOOL

雙尺寸防塵套束裝器

- Work on all CV joint with band-type boot clamps.
- This tool provides fast installation of clamps with ease.
- This is a small, inexpensive functional tool for 1/4" or 3/8" width band.



1503 CV BOOT CLAMP INSTALLER

防塵套束裝器(多功能型)

- Installs low-profile clamps used to hold CV boots on most FWD vehicles.
- Ratcheting action & built-in cutter to tighten the clamp quickly and properly.



1212 CLIC-R COLLAR PLIERS

防塵套束裝鉗(虎鉗式)

- Special design for the CV ear type clamps.
- For releasing and refitting reusable hose clip.
- For type clic and clic-R.
- Please notice the direction of the ear type clamp when using the tool.



1918 CV BOOT CLAMP PLIERS

防塵套束裝鉗(尖頭)

- For earless-type clamps.
- A sturdy, low-cost tool. Works on earless-type clamps including those found on CV joints.



1920 CV BOOT CLAMP PLIERS

防塵套束裝鉗(平口)

- For ear type clamp.
- Fits CV joint boots.
- Also installs perma-Quick type clamps quickly and easily.
- Use for filter, cooling system and vacuum lines.



1329 C.V. BOOT HOSE CLAMP CUTTER

防塵套白鐵束破壞剪

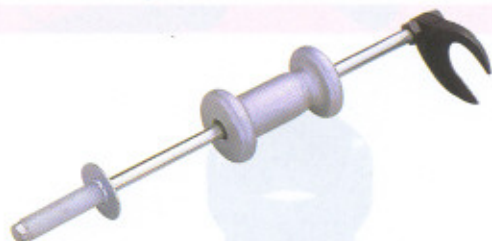
- Designed easy to cut the stainless steel clamp.
- Avoid to hurt C.V. Boot
- Width: Under 10mm
- Thickness: Under 0.5mm-0.7mm



1619 INNER CV JOINT PULLER

傳動軸滑鏈組(C型盤)

- Fork type tool pulls CV joints with hidden retaining rings & joints on 1986-current Taurus / Sable.
- With this tool the axle assembly is popped out of trans axle without damage to transmission case or inside roller bearing.
- Open Rate: 48mm



1016 INNER CV JOINT PULLER

傳動軸滑鏈組(C型盤大)

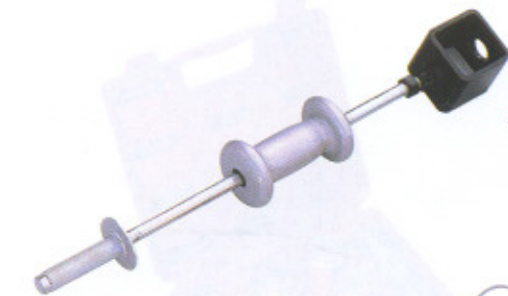
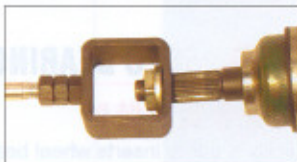
- Fork type tool pulls CV joints with hidden retaining rings & joints.
- With this tool the axle assembly is popped out of trans axle without damage to transmission case or inside roller bearing.
- Open Rate: 63mm



1802 FRONT WHEEL DRIVE AXLE PULLER

傳動軸滑鏈組(方型盤)

- Simply secure shaft through opening in the adapter to remove the half shaft from CV joints on most forward vehicles.



1109 FRONT WHEEL DRIVE AXLE PULLER

傳動軸滑鏈組(鋼索式)

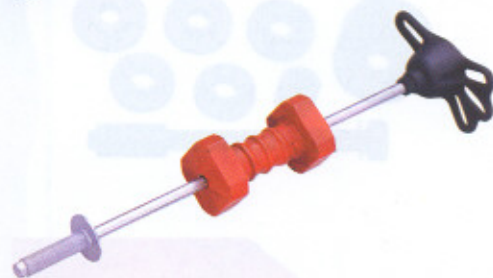
- Use the extension and adjustable wire to hook on the axle tightly.
- Pull out with the slide hammer easily.



1628 HUB SLIDE HAMMER PULLER

輪軸滑鏈組(五孔)

- Pulls flange-type rear axles on most late model passenger cars & light trucks.
- Designed to fit axles with bolts & studs up to 9/16" dia.



1629 HUB SLIDE HAMMER PULLER

輪軸滑鏈組(四孔)

- Pulls 4 bolts of the front hub easily with the 10 lb slide hammer.
- Heavy duty tool for rugged jobs.





1014 AXLE NUT SOCKET

吉星傳動軸套筒(圓孔)

- Application: Isuzu model with 4WD.
- Special cylinder design for the transmission nut.
- Used period: before 2000.



1210 AXLE NUT SOCKET

金吉星傳動軸套筒(8點)

- Application: Isuzu model with 4WD.
- Special design on 8dots for suiting the transmission nut.
- Launched after 2000.
- Used on the same parts as #1014.



1611 8PC BEARING RACE & SEAL DRIVER SET

斜型培令套按裝器

- Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.
- 7 disc sizes for most standard wheel bearing.
- The flat surface of the 7 disc can drive seals evenly.



1610 FWD FRONT WHEEL BEARING TOOL

仰角培令拆裝器

- A great tool used to replace front wheel bearings without removing the steering knuckle & strut assembly.
- As the spindle assembly isn't removed there is no need to align front end after the job is done.



• Removing

1001 FWD FRONT WHEEL BEARING TOOL

仰角培令拆裝器(23PCS)

- A great tool used to replace front wheel bearings without removing the steering knuckle & strut assembly.
- As the spindle assembly isn't removed there is no need to align front end after the job is done.
- Fit on most cars.
- Applicable with hydraulic press.



• Removing



• Installing

1843 BLIND HOLE BEARING PULLER SET

內孔培林滑鎚組

- Open clamps by turning handle clockwise to snug against the bearing for pulling out evenly without damage the parts.

• Contents:

Shaft: Slide hammer shaft 390mm long

Hammer: 2.15 lb.(940g), 100mm L.

Clamps: 8~10mm (5/16"~13/32"); 10~12mm (13/32"~15/32")

12~14mm (15/32"~9/16"); 15~17mm (19/32"~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")



1146 3-JAW INTERNAL & EXTERNAL PULLER SET

三爪內、外孔培令滑鎚組

- SIZE: Small of internal puller 15mm-30mm
Large of internal puller 30mm-80mm
External puller 15mm-80mm

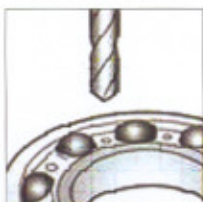
- Locking the nut to open 3-jaws and clip on the bearing.
And then use the slide hammer to pull out the bearing.



1351 DOUBLE SHAFT BEARING REMOVER

雙柱型培林拆卸器

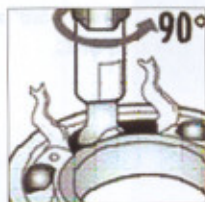
- Use on both internal and external bearings.
- Removing the ball keeper first, and then pick suitable jaws for removing the bearing.
- Jaw diameter: 5.4, 6, 8mm



Drill two diametrically opposite holes.



Bend back cage ends.



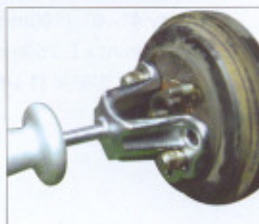
Insert appropriate tips into ball race. give a quarter turn to lock and screw beam rods into tips.



1145 UNIVERSAL AXLES SLIDE HAMMER SET

通用型滑鎚組(雙盤)

- Increased the coverage with the two axle pullers.
- Included 3-Jaw puller and many types of joints.
- Slide hammer design for removing Hub and repairing dent, etc....



1035 HYDRAULIC GEAR PULLER SET

綜合型油壓拔卸器

- For agriculture machine, automotive, and industry use.
- Hydraulic ram included for laborsaving.
- Material: SCM415 hardened 40° ~45°
- Packing: carrying case.
1 set / 16kgs / 17kgs / 1.2'.





9000 BEARING SEPARATOR

培令拔卸器(特小型)

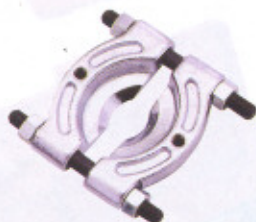
- Made by SCM440(CR-MO) material.
- Capacity 1 1/4" - 2 1/4". (30mm x 50mm)
- Bolt (ϕ 9.5mm x L 125mm x 3/8" x 24UNF).
- Body thread 3/8" x 16 UNC



9005 BEARING SEPARATOR

培令拔卸器(小型)

- Made by SCM440(CR-MO) material.
- Capacity 2 1/4" - 3 1/2" (50mm x 75mm).
- Bolt (ϕ 12.7mm x L 135mm x 1/2" x 20UNF).
- Body thread 3/8" x 16 UNC



9015 BEARING SEPARATOR

培令拔卸器(中型)

- Made by SCM440(CR-MO) material.
- Capacity 3" - 4 1/2". (75mm x 105mm)
- Bolt (ϕ 16mm x L 165mm x 5/8" x 18UNF).
- Body thread 1/2" x 13 UNC.



9025 BEARING SEPARATOR

培令拔卸器(大型)

- Made by SCM440(CR-MO) material.
- Capacity 4" - 6". (100mm x 150mm).
- Bolt (ϕ 19mm x L 260mm x 3/4" x 16UNF).
- Body thread 5/8" x 11 UNC



9035 BEARING SEPARATOR

培令拔卸器(特大型)

- Made by SCM440(CR-MO) material.
- Capacity 6" - 8". (150mm x 200mm).
- Bolt (ϕ 1" x L 350mm x 1" x 12UNF).
- Body thread 3/4" x 10 UNC

1141 TWO SETS BEARING SEPARATOR KIT

小型培令拔卸組(雙盤)

- Bearing separator 9000 & 9005 Included.
- Pullout the bearing with the H-type beam and bolts.



1142 BEARING SEPARATOR KIT

中型培令拔卸組

- Bearing separator 9000 & 9005 Included.
- Pullout the bearing with the H-type beam and bolts.



1143 HYDRAULIC BEARING SEPARATOR PULLER KIT

大型油壓式培令拔卸組

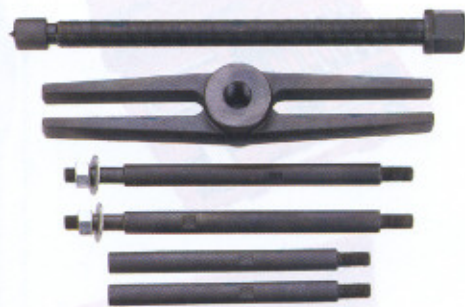
- Bearing separator 9000 & 9005 Included.
- Effort-saving with the hydraulic screw.
- Pullout the bearing with the H-type beam and bolts.



1144 HYDRAULIC BEARING SEPARATOR PULLER KIT

特大型H型拔卸組

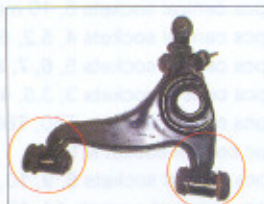
- Pullout the bearing with the H-type beam and bolts.
- Need to use with JTC-9035.



1957 BUSH EXTRACTOR

中華昇陽三角架鐵套拆裝器

- Used for R & R of rear wheel bearing located in wheel carrier.
- This tool can also be used to install the rear axle shaft flange.
- Applicable: SANYOUNG.

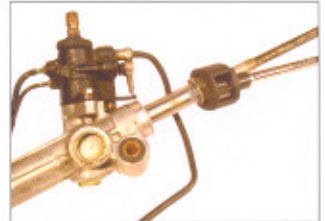




1839 MULTI-PURPOSE INNER TIE ROD TOOL

方向機舵桿扳手(通用型)

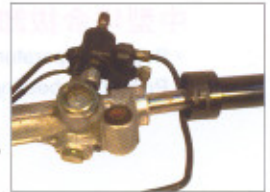
- The master tie rod tools easily replaces inner tie rod ends without removing the rack & pinion.
- Capacity: 33-42 mm
- Patented.



1836 INNER TIE ROD TOOL

方向機舵桿扳手組(8PCS)

- Works on the inner tie rods with inaccessible wrench flats.
- Many inner tie rod end sockets do not have a complete hex on the full length of the socket. The rounded socket ends prevent access to the wrench flats. seven crows feet.
- Content sizes 1-3/16", 1-1/4", 1-5/16", 1-7/16", 14mm, 17mm and 33.6mm, to engage the wrench flats. The long socket then slips over the tie rod end and connects to the crows foot.



1950 STEERING WHEEL PULLER SET

雙盤面方向盤拆裝器

- Two specialty pullers in one set including one flange type puller for removal of harmonic balancers, timing gear & other parts with two or three tapped holes. And a steering wheel, pulley & flywheel puller.



1943 STEERING WHEEL REMOVER / LOCK PLATE

方向盤拆裝器(綜合型)

COMPRESSOR SET

- Removing steering wheels of most vehicles, with or without telescoping tilt steering columns is easy with this new set.
- The steering wheel lock plate compressor is also included, to compress the steering wheel lock plate in order to remove or install the snap ring.



1323 UNIVERSAL STRUT NUT TOOL SET

綜合型避震器座套筒組

- The complete sizes for using on most kinds of cars.
- Contents:
 - : 2pcs central sockets 5, 10 mm
 - ① : 9pcs central sockets 4, 5.2, 6, 6.3, 7, 8, 9, 10, 12 mm
 - : 4pcs central sockets 5, 6, 7, 8 mm
 - : 3pcs central sockets 3, 3.5, 4 mm
 - ★ : 2pcs central sockets T50, T60
 - : 1pc central socket M12.
 - : 4pcs central sockets 8, 9, 10, 11 mm
 - : 9pcs external sockets 14, 16, 17, 18, 19, 21, 22, 24, 27 mm
 - ⊙ : 5pcs external sockets 10.5, 12.5, 14, 14.5, 14.5



1840 ALIGNMENT TOOLS

仰角校正器組

- With 4 alignment plates.
- Hydraulic function.
- Applicable for most car.



1002 ALIGNMENT TOOLS

雙A臂仰角校正器

- With two spacers to adjust the angle.
- Applicable: Mercedes, Mitsubishi, Honda.



1230 ANGLE LOCATOR

調整型磁式水平錶

- Angle adjustable with magnet attaching on the alignment tools you working on.
- Applicable with JTC 1840 / JTC-1002.



1241 FENDER EXTENDING TOOL

輪弧擴張器

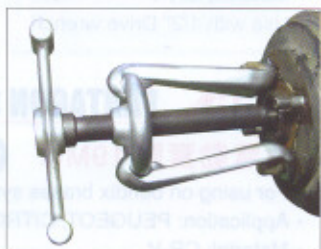
- Before installing the new tyre, using this tool to extend the fender makes work easily.



1259 UNIVERSAL HUB PULLER

三爪式輪軸拔卸器

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





J01 DISC BRAKE PISTON SEPARATOR

碟式剎車調整器

- Fits in brake caliper to push back pistons for new brake pads installation.
- Patented.



1613 UNIVERSAL CALIPER WIND BACK KIT

剎車分泵調整組(通用型)

- Winds back brake piston for replacing brake pads.
- Fits most cars.



1452 POSITIVE & NEGATIVE CALIPER WIND BACK KIT

正反牙剎車分泵調整組

- More adapters than #1613 for using on more new model vehicles.
- Two bodies with positive thread and negative thread for different models.
- Totally 18 purchase.



1239 BRAKE SPOON

後輪剎車調整扳手(2PCS)

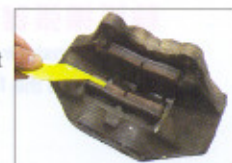
- Full length: 1239A(85mm) / 1239B(155mm)
- Designed to adjust brakes on most cars and light trucks.
- Universal angle design for most cars.



1335 MANUAL BRAKE GAUGE SET

剎車皮厚度量規

- Special design to give customers an accurate measurement of how much brake lining is left without prediction.
- Size: ● Red : 2, 3mm - Bad
● Yellow : 4, 5, 6mm - Dangerous
● Green : 8, 10, 12mm - Good



1365 PANTAGON BIT SOCKET DRIVER 10MM

5角凸頭套筒 10MM

- For using on most vehicles fitting with girling brake systems.
- Material: CR-V
- Use with 1/2" Drive wrench



1366 PANTAGON SOCKET DRIVER 19MM

5角氣動套筒 19MM

- For using on bendix brakes system.
- Application: PEUGEOT, CITROEN.
- Material: CR-V
- Use with 1/2" Drive wrench



1708 BRAKE SPRING COMPRESSOR

鼓式剎車彈簧華司拆裝器

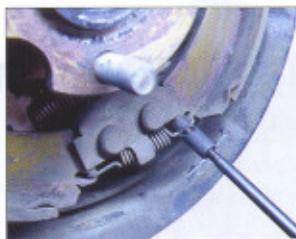
- * BIG WINDOW* designed for great visibility during operation.
- Allow fast & easy removal & replacement of brake shoe hold-down springs.



1709 BRAKE SPRING TOOL

鼓式剎車來令片彈簧拆裝器

- For removal & installation of brake spring
- A smart tool to service those brakes that do not use anchor pins.



1944 HEADLIGHT ADJUSTING AND BREAK SPRING HOOK

T型剎車彈簧拉鉤

- This tool made from heat treated alloy steel is specially designed for removing and installing hard-to-reach headlight adjusting springs. OAL 6".



1912 BRAKE SPRING PLIERS

剎車彈簧鉗(小型)

- Tool removes and installs shoe return springs on most drum brakes.
- Socket end removes spring from anchor stud.
- Notched end installs spring on anchor.



1913 BRAKE SPRING PLIERS

剎車彈簧鉗(大型)

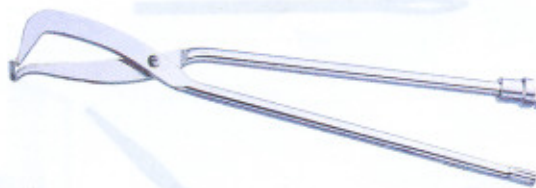
- For removing and replacing brake springs of drum type brake.
- Claw on jaw is replaceable.



1353 CENTER BRAKE LEVER ASSEMBLE & DISASSEMBLE PLIERS

手剎車鋼索拆裝鉗

- Special design for the center brake lever assemble & disassemble.
- Patented.





3922 METAL T HANDLE CLOSED EYE TOOL

補胎條用補胎針(鐵柄)

- Durable metal T handle design.
- Chrome-Molybdenum steel tip.
- Tip length: 53mm.
- Changeable tip design.



39221 TIP OF METAL T HANDLE CLOSED EYE TOOL

補胎針頭

- Chrome-Molybdenum steel tip.
- Full length: 78mm.



3922L METAL T HANDLE CLOSED EYE TOOL

補胎條用補胎針(加長型)

- Durable metal T handle design.
- Chrome-Molybdenum steel tip.
- Tip length: 73mm
- Changeable tip design.



3922L1 TIP OF METAL T HANDLE CLOSED EYE TOOL

補胎針頭(加長型)

- Chrome-Molybdenum steel tip.
- Full length: 98mm.



3923 METAL T HANDLE RASP EYE TOOL

補胎條用補胎鑽(鐵柄)

- Durable metal T handle design.
- Chrome-Molybdenum steel tip.
- Tip length: 72mm
- Changeable tip design.



39231 TIP OF METAL T HANDLE RASP EYE TOOL

補胎鑽針頭

- Chrome-Molybdenum steel tip.
- Full length: 97mm.



3431 TIRE SEAL TOOL SET

補胎條工具組

- Contents: JTC-3922, JTC-3923, JTC-3429, JTC-3430, Portable Tool Box.

1733 TIRE CONSUMPTION GAUGE

輪胎深度規

- Determine the average tire residual energy between both positions which is unconsumed part and also is a right barometer for safedriving.
- To brake below tyre thread 1.6mm / will bring inferior effect.
- Offers measurement of tyre thread from 1-30mm.
- For automobile, below 1.6mm thread depth is recommended for change.
- For truck, below 2.4mm thread depth is recommended for change.



1911 WHEEL WEIGHT TOOL

輪胎鉛子鉗

- Easily removes and replaces wheel weights, as well as cutting and crimping.
- Made of heat strengthened steel. Included comfortable vinyl handle grips.
- With self-open function spring on the handle for easier operation.



3928 ROLLER STITCHER

補胎滾輪工具

- Durable steel handle.
- Bearing inside for using easier.



3460 ROLLER STITCHER

木柄補胎滾輪工具

- Wood handle for light and portable.
- Bearing inside for using easier.



3429 RUBBER CEMENT FOR TIRE SEAL

補胎膠水

- Constituent: Toluene, Crude Rubber
- Volume: 250C.C.
- Packing 12/72/21.5/23/2.01'



3430 TIRE SEAL

補胎條

- Constituent: Butyl, Silk cotton
- Contents: 25 strips of 5 pieces
- Packing 100/19.2/20.5/1.96'





1030 UNIVERSAL BEARING PACKER

培林注油器

- Fast, Efficient, Thorough.
- Simply place the bearing between the plastic cones, tighten, and apply grease through the fitting on the end of thread shaft.
- Forces out old grease evenly injects fresh grease.
- Cone diameter: 4-1/4".



3932 VALVE CORE REMOVER / INSTALLER TOOL

氣門心起子

- For installation and removal of standard valve cores.
- Has a screwdriver-style handle.
- Tip diameter: 5.5mm.
- Tip length: 60mm.



3932L VALVE CORE REMOVER / INSTALLER TOOL

氣門心起子(加長型)

- The same function as JTC-3932
- Tip length: 160mm



3926 SNAP IN TIRE VALVE INSTALLER

氣門風嘴拉拔器

- Steel constructed tool deep threaded head for positive sealing of all snap-in type passenger car tire valve stems.
- Rubber cover design to protect the rim.
- 3 position settled.
- Patented.



1828 3-FUNCTION TIRE GAUGE

三用打氣量壓錶(夾式)

- Air inflator provides user with easy and controlled inflation. Cast in alloy body with H-D brass valves. With 3-1/2 ft. Hose, 3-1/2" pressure gauge, and easy-to-read.
- 0 to 200 psi / 0 to 15 bar / 0 to 15 kg/cm² / 0 to 1500 kpa.



1828L 3-FUNCTION TIRE GAUGE

三用打氣量壓錶(壓式)

- Air inflator provides user with easy and controlled inflation. Cast in alloy body with H-D brass valves. With 3-1/2 ft. Hose, 3-1/2" pressure gauge, and easy-to-read.
- 0 to 220 psi / 0 to 15 bar / 0 to 15 kg/cm² / to 1500 kpa.



1410 UNIVERSAL DRIVE SHAFT CV BOOT

萬用型傳動軸防塵套

- Suitable for most cars.
- Take CV boot to cover drive shaft through JTC-1411
- Contents : CV boot x 1pc
stainless clamp x 2pcs
CV joint grease x 1pc



1. Press the small side to inside first.



2. Wipe the grease with CV boot and JTC-1411 Drive Shaft Boot.



3. Take CV boot to cover extending tool.



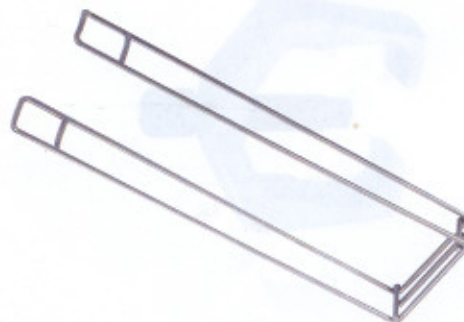
4. Push CV boot to the bottom of extending tool.



5. Then put drive shaft in the interior of CV boot.



6. Install stainless clamp out of CV boot after adjust drive shaft to proper position. Last, cut rest CV boot along the tangent.



1411 DRIVE SHAFT BOOT EXTENDING TOOL

傳動軸防塵套擴張器

- Use with JTC-1410

1450 DRIVE SHAFT BOOT EXTENDING TOOL

傳動軸防塵套輔助器

- Special "U" type designed to press the boot to end of JTC-1411 easily.
- Made by round bar to protect the boot without damage.



1412 UNIVERSAL STEERING SHAFT CV BOOT

萬用型方向機防塵套

- Suitable for most cars.
- Take CV boot to cover steering shaft through JTC-1413
- Contents : CV boot x 1pc
Cable x 2pcs
Ventilator x 2pcs



1. Wipe the grease with CV boot and JTC-1413 Steering Shaft Boot Extending Tool.



2. Take CV boot to cover extending tool.



3. Push CV boot to the bottom of extending tool.



4. Then put steering shaft in the interior of CV boot.



5. Install the ventilator on the boot.



6. Install the cable out of CV boot after adjust steering shaft to proper position. Last, cut rest CV along the tangent.



1413 STEERING SHAFT BOOT EXTENDING TOOL

方向機防塵套擴張器

- Use with JTC-1412

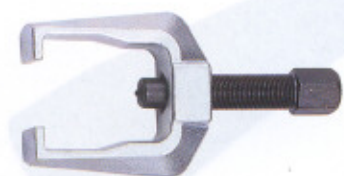


立式雙柱型橫拉桿球頭拔卸器

BALL JOINT EXTRACTORS

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

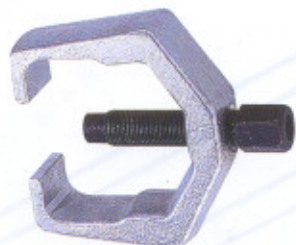
| 編號 Item | A(mm) | B(mm) | C(mm) |
|---------|-------|-------|-------|
| 1316 | 18 | 40 | 35 |
| 1317 | 23 | 50 | 45 |
| 1318 | 29 | 60 | 55 |
| 1319 | 40 | 80 | 80 |
| 1320 | 46 | 90 | 100 |



1129 PITMAN ARM PULLER

大車橫拉桿球頭拔卸器(小型)

- Heavy duty forged alloy steel yoke.
- Heated treated center screw.
- Remove tie rod ends and pitman arm assemblies from many light trucks.
- Opening size: 27mm
- Pull travel: 45mm.



1952 PITMAN ARM PULLER

大車橫拉桿球頭拔卸器(大型)

- Heavy duty forged alloy steel yoke.
- Removes tie rod ends and pitman arm assemblies from many cars light trucks.
- Opening size: 33 mm
- Pull travel: 64 mm



1036 OUTER TIE ROD REMOVER

兩爪活動橫拉桿拔卸器

- Two adjustable jaws special designed for removing most models of outer tie rod.
- Material: SCM420 Hardened 42°
- Packing: each / double blister.
6 sets / 24sets / 29kgs / 30kgs / 2.3'



1207 TRANSMISSION SOCKET

變速箱專用套筒(SCANIA)

- Application: Remover or Installer the transmission to SCANIA model.
- Special 4 dots design for suiting nuts.



1037 BALL JOINT ANCHOR PIN PRESS SET

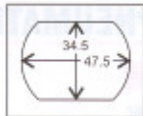
萬向十字接頭拔卸器

- 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.
- It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.

1254 SCANIA COMPRESSOR SOCKET

SCANIA 後輪避震器彈簧墊片套筒

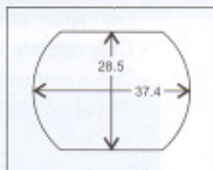
- To apply for SCANIA rear wheel compressor spacer remove / install screws.
- Size: 34.5x47.5mm
- Applicable: SCANIA



1855 SCANIA COMPRESSOR SPACER SOCKET

SCANIA 前輪避震器彈簧墊片套筒

- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size: 28.5x37.4mm
- Applicable: SCANIA



1856 BPW TRUCK WHEEL SOCKET

BPW 後輪軸蓋套筒(12T)(橢圓)

- The rear axles cover extractor socket.
- Size: 111mm.
- Applicable: Bpw-12T
- Oval shaped.



1859 BPW TRUCK WHEEL SOCKET

BPW 後輪軸蓋套筒(12T)(8角)

- The rear axles cover extractor socket.
- Size: 109mm.
- Applicable: Bpw-12T
- 8 points.



1857 BPW TRUCK WHEEL SOCKET

BPW 後輪軸蓋套筒(16T)(8角)

- The rear axles cover extractor socket.
- Size: 120mm.
- Applicable: Bpw-16T
- 8 points.



1029 ADJUSTABLE WHEEL BEARING LOCK NUT WRENCH

後軸螺帽拆卸器(通用型)

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts
- Includes three sets of pins for lock nuts with pin holes.
- Capacity: 6PT lock nuts: 1-3/4" to 5-3/4" (49-135mm)
8PT lock nuts: 1-3/4" to 5-5/8" (49-143mm)
Pin diameters: 1/4" (6mm), 5/16"(8mm), 3/8"(10mm)





1023 PNEUMATIC FLUID EXTRACTOR

氣動式抽油機

- Capacity: 8.5 liter
- Work pressure: 90 psi
- Simple and easy to operate suitable for engine oil, gear oil, transmission and brake fluid water.
- Extract with 3 min for 5 liter engine oil.
- Non-spark power oil extractor.
- Only operate by one man, clear operation. Save manpower.
- Quick and safety.
- 4 sets / 9 / 10 / 3.8'



1024 PNEUMATIC OIL & LIQUID DISPENSER

氣動式加油機(吸加兩用)

- 6 liter two in one extract & pump dispenser.
- Special design for using on narrow and difficult to reach space.
- Fixing valve & safety cup for automatic shut-off extract.
- Contents: 1.2m PU hose with flexible rubber nozzle.
1m nylon hose.
- 6 sets / 11 / 12 / 3.6'



1025 PNEUMATIC BRAKE BLEEDER

氣動式剎車油吸取機

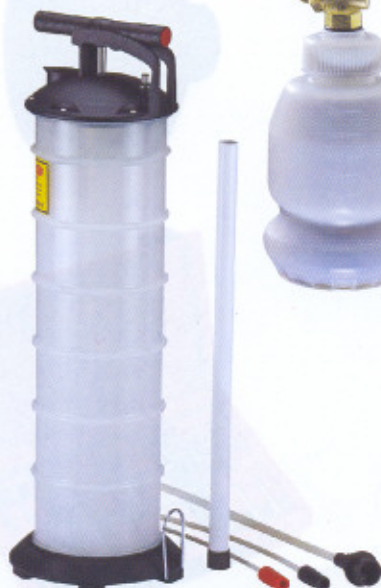
- Economical-fast and easy, reduces labor costs.
- Versatile- handles most standard and ABS brake systems.
- Clean- collects old brake fluid without spillage.
- Quiet- integrated silencer for a quieter working environment.
- Silicon suction assembly with universal rubber fitting.
- Capacity: 2L
- Working pressure: 70-170 psi
- Air connection: 1/4"
- Temperature range: -3° F ~ 140° F
- 12 sets / 15 / 16 / 6'



1026 BRAKE FILLER

剎車油補充油壺組

- To fill brake oil easily.
- 12 sets / 7 / 8 / 1.8'



CJ169S HAND OPERATED FLUID EXTRACTOR

手動式抽油機

- Capacity: 6.5L
- By manpower to push and have vacuum pressure.
- Application: Extracting or changing engine oils or lubricants in motor vehicles, motor bikes, marine engines, stationary engines.

1031 WASTE OIL DRAIN

廢油桶

- Capacity: 80L.
- Special designed for no switch which beneath of the hopper, and that is not spray any oil absolutely.
- There is a filling net in the hopper that can be removed any dirty wastage on it.
- Use ordinary shop air to move out the waste oil.



1032 VACUUM OIL EXTRACTING MACHINE & BRAKE BLEEDER

真空式吸油機(附抽剎車油)

BLEEDER

- Capacity: 12L.
- Uses compressed air to create a powerful vacuum to extract any kinds of oil, gasoline, diesel, water, and other anytime.
- With limpid cup to check the flow anytime.
- Tube size: $\Phi 9\text{mm}$, $\Phi 7\text{mm}$, $\Phi 6\text{mm}$, and brake tube.



1033 HAND OPERATED OIL PUMP

手壓機油桶

- With reservoir capacity 20L.
- It is suitable for general lubricant and gear oil.



1034 AIR OPERATED GREASE PUMP

氣動黃油機

- Uses air as power to suck grease into lubrication points,
- Suitable for 00#~2# grease.
- Capacity: 20L.
- Air inlet pressure: 4~9kgs/cm.
- Pressure ratio: 45:1.
- Grease output pressure: 180~405kgs/cm
- Deliver rate: 30cc/sec.

