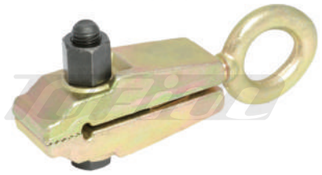
## 8201 Small Mouth Pull Clamp 窄型張引夾

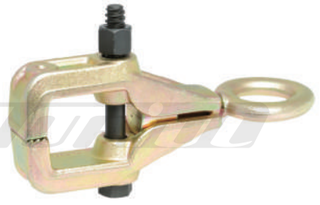


* Material：SCM440
* Capacity：5 ton
* Bolt size：Φ16mmx70mm(L)
* Single-way pull operation.

## 8202 Small Mouth Pull Clamp (Two-Way) 窄型張引夾(雙向)

* Material：SCM440
* Capacity：5ton(straight way), 2ton(cross way)
* Bolt size：Φ16mmx70mm(L)
* Two-way pull operation.

## 8203 Big Mouth Clamp 寬型張引夾



* Material：SCM440
* Capacity：3 ton
* Bolt size：Φ14mmx120mm (L)
* Single-way pull operation.

## 8204 Box Clamp 寬型張引夾(大小邊)

* Material：SCM440
* Capacity：3 ton
* Single-way pull operation.
* Both side jaws are different in order to fit the confined space.
* Bolt size：Φ14mmx110mm (L)

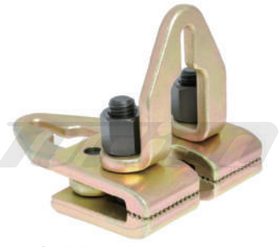
## 8205 Box Clamp(Two-Way) 寬型張引夾(雙向)

* Material：SCM440
* Capacity：3ton(straight way), 2ton(cross way)
* Two-way pull operation.
* Both side jaws are different in order to fit the confined space.
* Bolt size：Φ14mmx110mm (L)

## 8206 Frame Rack Clamp 寬齒型張引夾

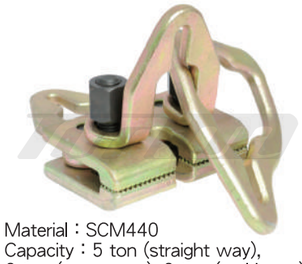
* Material：SCM440
* Capacity：5ton
* Single-way pull operation.
* Serrate length：120mm
* The special puller design used with plate makes it hard to be broken.
* Bolt size：Φ14mmx73mm(L)

## 8207 Frame Rack Clamp(Two-Way) 寬齒型張引夾(雙向)



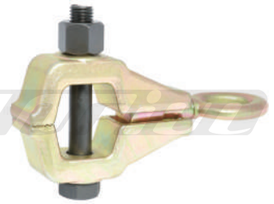
* Material：SCM440
* Capacity：5 ton(straight way), 3ton(cross way)
* Two-way pull operation.
* The special puller design used with plate makes it hard to be broken.
* Bolt size：Φ14mmx73mm(L)

## 8208 Frame Rack Clamp(Multi-Way) 寬齒型張引夾(多方向)



* Material：SCM440
* Capacity：5 ton (straight way), 3 ton (cross way), 3 ton (multi-way)
* The special puller design used with plate makes it hard to be broken.
* Bolt size：Φ14mmx73mm (L)

## 8209 Heavy Duty Clamp 重力型張引夾

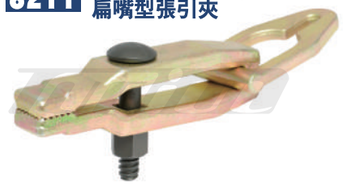


* Material：SCM440
* Capacity：5 ton
* Single-way pull operation.
* Special design for operator when they need to powerful pull.
* Bolt size：Φ20mmx130mm (L)

## 8210 Frame Rack Clamp Bar 車身固定夾

* Capacity：5 ton
* Use two hooks to pull and fix the car.
* This tool could be clipped to unibody or any other place of the body.
* The puller and hooks are adjustable; it could be change the range for fitting the place.
* Bolt size：Φ14mmx73mm (L)

## 8211 Long Nose Clamp 扁嘴型張引夾



* Material：SCM440
* Capacity：2ton
* Single-way pull operation.
* The flat design is specialize for the confined space.
* Bolt size：Φ14mmx73mm (L)

## 8212 Mini Clamp(Two-Way) 迷你型張引夾

* Material：SCM440
* Capacity：3ton(straight way), 2ton(cross way)
* Two-way pull operation.
* Special mini design is good to use in a narrow and small space.
* Bolt size：Φ14mmx45mm (L)





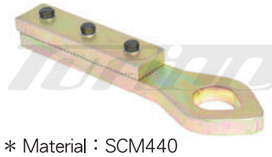
## 8213 C Type Clamp C型張引夾(小)

* Capacity：5 ton
* Multi-way pull operation
* Throat opening：3"
* Small C-shaped design for getting into inside to work.

## 8214 C Type Clamp C型張引夾(大)

* Capacity：4 ton
* Multi-way pull operation
* Throat opening: 6"
* Large C-shaped design for getting into inside to work.

## 8215 Unibody Clamp 車板夾



* Material：SCM440
* Capacity：5 ton
* Single-way pull operation.
* When the damage is in the middle of car plate and it is not easy to fix by other normal clamps. This model of tool is using to fix this kind of problem.

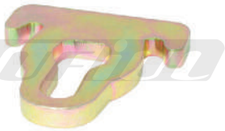
## 8216 Multi-Hole Pull Plate 直向拖拉板

* To lock the screws with plate on the car, in order to pull straight-line.

## 8217 Door Post Puller 橫向拖拉板

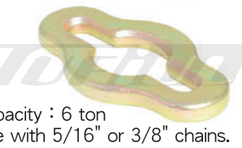
* Capacity：2 ton
* Suitable chain：5/16", 3/8"
* Fixed on the car to pull sidelong-line.

## 8218 Chain Joint(for Two Clamps) 鍊條轉換器



* Capacity：6 ton
* Use with 5/16"or 3/8" chains.
* For use as a chain shortner or a chain connector.
* Contact of two clamps is always on a same level, meaning no twisting of chain happens accordingly.

## 8219 Chain Joint 鍊條連接器(扁型)



* Capacity：6 ton
* Use with 5/16" or 3/8" chains.
* For use as a chain shortner or a chain connector or double hooks.

## 8220 Chain Joint (Double Grab Hooks) 鍊條連接器(鉤型)

* Material：SCM440
* Capacity: 6 ton
* Use with 5/16" or 3/8" chains.
* For use as a chain shortner or chain connector.
* Contact of two chains is always on a same level, meaning no twisting of chain happens accordingly.

## 8221 Chain Joint 鍊條連接器(單鉤)

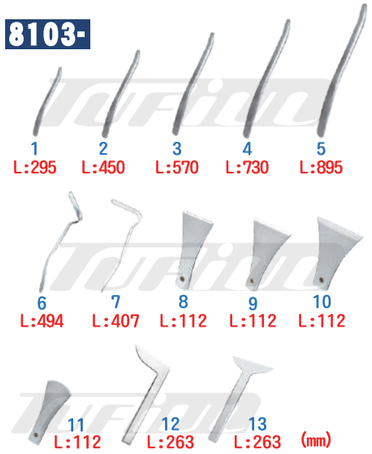
* Capacity：6 ton
* Use with 5/16" or 3/8" chains.
* For use as a chain shortner or a chain connector.
* Useful as a fitting of two chains or a chain and a hook.

## 8222 Chain Handy Hook 手掌型拉鉤

* For pulling after the hook is fixed into the indentation.

## 8103 13Pcs Body Pry Bars & Body Wedge Tools Kit 13Pcs板金用撬棒,打板組

## 8103-




## 1131 Automatic Welding Slide Hammer 自動點焊滑錘組

* Full length：435mm
* Connect the positive handle of welding machine into the connector.
* To weld and slide the hammer at the same time.

## 1135 Slide Hammer Hook Set 點焊鉤倒盾組

* Full length：435mm
* To pull out the washer which welding in the indentation.

## 8106 Mini Spot Welding Machine 迷你型鈑金點焊機

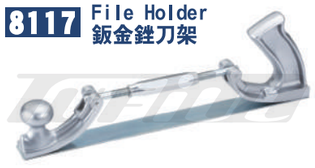
* Small dimension for easier moving prompt
* Suitable to use on the vans and trucks.
* Power：AC220V, 50/60 HZ
* Welding capacity：0.3mm
* Thickness of welder plank：0.6-1.0mm
* Machine size：W300 x D250 x H220mm, 1set/20kgs/21kgs/1.56′
* Chest size：W400 x D400 x H670mm, 1set/12kgs/13kgs/1.65′

## 8116 Extra Large Sliding Hammer Set 特大型鈑金滑鎚組

* Five hooks attached for different extent of indentation.
* The hooks will completely fit kinds of body panels and help to solve the problems.
* It is durable and made of steel.

## 8136 Mini Sliding Hammer Set 小型鈑金滑鎚組

## 8117 File Holder 鈑金銼刀架



* Aluminum casting body.
* It could be adjusted radian by demand.
* For 14" flexible file.

## 8117-09,12 File 鈑金銼刀片

* 8117-09：9tpi
* 8117-12：12tpi

## 8108 Punch Tool 手動打孔器

* PVC handle
* Punch range applies to 1.2mm iron plate.
* Punch hole：Φ5mm
* With deep throat 40mm

## 8109 Flanger/Punch Combo Tool 手動打孔折邊器

* PVC handle
* Flanger range applies to 1.2mm iron plate.
* Punch hole：Φ5mm

## 8119 10-1/2" Heavy-Duty Locking Pliers w/Swivel Shackle 鈑金固定鉗(附鉤)

* Chrome vanadium steel drop forged jaws.
* Fixed handle Cr-Mo steel.

## 8118 Multi-Jaws Vice Grip Pliers Set(6Pcs) 綜合鈑金鉗組(6Pcs)

## 8141 4Pcs Micro Welding Clamp 4Pcs迷你鈑金固定夾組

* Adjustable thickness clamp from 0 to 7mm.

## 8142 4Pcs Butt Welding Clamp 4Pcs鈑金鐵板固定夾組

* Level adjusts between 0 to 3mm either side.

## 8120 Door Dressing & Panel Shaper Tool Kit 車門窗整修工具組

* Door dressing tools system is a wide bending or crimping system. With pneumatic air pressure door skins, wheel arches etc., can be crimped or bent in minutes.
* The system contains a special pneumatic hammer, 4 different pillows for different metal or aluminum thickness and one adaptor.
* Reshape badly deformed inner panels, body lines and floors.
* Fits all standard air hammers.





## 8112 Scraper Tool Set(27Pcs) 塑鋼撬棒組(27Pcs)

* Material：PA+fiber
* Length：17.5mm

## 8101 Handy Remover Set(5Pcs) 塑鋼撬棒組(5Pcs)

* For plastic upholstery fasteners.
* Place tool under edge of door panel and insert into fastener as fast as possible, and then simply pry up.
* Large support area to protect clips and pad.

## 1145 Clip Removal Tool 下壓式膠扣鉗

* Removes difficult fasteners with ease from door panels, hood insulation, bumper fascias, interior trim, wiring hardness stays, body side molding.
* Prevents panel damage.

## 8104 Trim Clip Pliers 膠扣鉗

* This drop forged tapered "V" opening tool removes upholstery clips from car doors. Fits many different sizes of clips. Can also be used for a multitude of other jobs.
* To remove trim pads & insulation.
* To keep from breaking clips.
* To remove the "tough" clips.

## 1105 Door Upholstery Remover 膠扣起子

* Well designed tool removes upholstery clips in just a few seconds.
* Place the tool under edge of door panel and insert into the fastener then pry up.

## 8110 Door Upholstery Remover 膠扣起子(小頭)

* Design especially for providing to fit clip on the car.

## 8111 Trim Removal Tool 膠扣起子(特長)

* For plastic upholstery fasteners. Place tool under edge of door panel and insert into fastener as then simply pry up.

## 8137 4Pcs Door Trim Tool Set 4Pcs車門, 膠扣起子組

* Door Panel Remover- Square notch blade
* Door Panel Remover- Curved V notch blade
* Door Panel Window- Life Remover
* Door Panel Remover- V notch blade

## 8121 Lockout Tool Kit 車門鎖工具

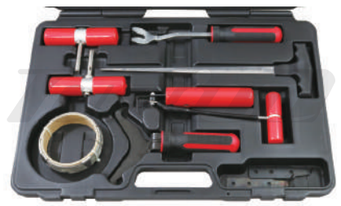
* The universal lockout tool is produced for the purpose of opening door of both domestic and foreign vehicles.

Note：for better knowledge of door locking system, consult your vehicle manufactures manual before using these tools.

## 8114 Quick Release w/6 Cut Out Tool 玻璃拉刀組(6Pcs)

* 6pcs blade：
  3/4", 1", 1-1/2" length blades,
  13mm, 16mm, 19mm wide blades.

## 8144 Windshield Removal Kit 擋風玻璃拆卸綜合組



* Braided wire(3 strand).
* Wire gripping handles x 2
* Windscreen removal tool-cuts the adhesive around the screen.
* Wire feeder tool-designed for easy and flexible insertion of wire through polyurethane, allowing speedy removal of bonded windscreen
* Trim pad remover.
* Cold knife Blade x 2

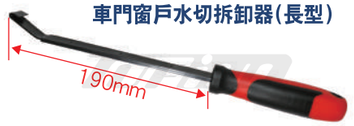
## 8113 Razor Scraper 玻璃刮刀

* Offset scraping head and short handle are great for tight scraping jobs.
* L：4"

## 8115 Door Weather Strip Molding Remover 窗戶水切拆卸器

* Made of special steel to remove the molding easily.
* Suitable for replacing the rubber tap before spray paint work.
* Also suit to use on the door weather strip without griping.

## 8139 Window Belt Molding Removal Tool 車門窗戶水切拆卸器(長型)




## 8140 2Pcs Light Cover Removal Tool 汽車燈座拆卸組2Pcs

**8107-3** ＊ Φ75
**8107-4** ＊ Φ100
**8107-5** ＊ Φ125

### Manual Vacuum Puller 手動真空拉拔器

＊ Tray size：Φ75, 100, 125mm
＊ Use the vacuum theory; push all the directions to suck the plate.
＊ Pull the handle to fix the indentation with the plate.
＊ This tool is also designed for changing the sheet glass.

## 8130 Air Vacuum Dent Puller 氣動真空式鈑金拉拔器組

＊ Φ75, 100, 125mm rubber cups.
＊ Air inlet：1/4"
＊ Air pressure：90psi
＊ Sliding Hammer：1.22kg

## 8105 Break Plastic Connector 塑膠熔接植釘機

＊ Use on any kind of plastic. Such as bumper, upholstery, fender, etc...
＊ Power：AC110V/220V, 50/60HZ
＊ Size：110(W) x 160(D) x 110(H)mm
＊ Contents：0.6mm nail x 100pcs, 0.8mm nail x100pcs, 90° nail x100pcs.
① Switch on the power and set the temp, then put on the nail.
② To fix the nail on the place where you want to fix and then push on the start to embed the nail in.
③ When the nail embed into the proper position, remove the handle after 3 seconds for cooling the nail.
④ Cut the remaining nail with cutting pliers. Notice the nail will come out when you cut it.

## 8128 Break Plastic Connector 12/5A, No Load-1.5V, 1.6V, 1.7V 230/50HZ (專業型)塑膠植釘機

＊ Contents：0.6mm nail x 100pcs, 0.8mm nail x 100pcs, 90° nail x 100pcs

## 8127 Break Plastic Connector 230VAC 50HZ 1.7VAC 5A 3V150MA (簡易型)塑膠植釘機

＊ Contents：0.6mm nail x 100pcs, 0.8mm nail x 100pcs, 90° nail x 100pcs

## 8126 Break Plastic Connector (標準型)塑膠植釘機

＊ Use on any kind of plastic, Such as bumper, upholstery, fender, etc...
＊ Power：AC110V/220V, 50/60HZ
＊ Size：110 (W) x 160 (D) x 110(H)mm
＊ Contents: 0.6mm nail x 100pcs, 0.8mm nail x 100pcs, 90° nail x 100pcs
＊ Switch on the power and set the temp, then put on the nail.
＊ To fix the nail on the place where you want to fix and then push on the start to embed the nail in.
＊ When the nail embed into the proper position, remove the hand after 3 seconds for cooling the nail.
＊ Cut the remaining nail with cutting pilers. Notice the nail will come out when you cut it.

## 8135 Wiper-Arm Puller Set 兩用雨刷臂拔卸器

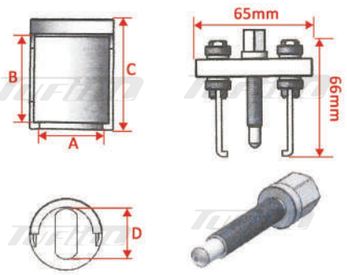
＊ Suitable：VW-Audi, BMW, Ford, Mercedes, Opel, Peugeot, etc. The first universal Puller Set to remove bolted Windscreen Wiper Arms, especially for those which have become rusted or corroded onto the drive-shaft. stubborn and deep-seated Wiper Arms may be quickly and easily removed wiper Arms with integrated screen-Wash nozzles-e.g VW-Audi, BMW etc. on the rear window-can be easily removed by using the Slide hammer included in the Set. Wiper Arms with central holes may be removed by using the pressure Spindle. Those Wiper Arms with no central hole require the Pressure Bolt to be used with the Pressure Adaptor supplied
＊ Contents：6xgrippers, 1xPressure spindle, 1xSlide Hammer





## 8133 5Pcs Wiper Arm Puller Set 5Pcs雨刷臂拔卸組

| Column material | | CrMo(SCM440) | | |
|---|---|---|---|---|
| Column surface | | Chrome | | |
| mm | No.1 | No.2 | No.3 | No.4 |
| A(mm) | 26 | 31 | 36 | 42 |
| B Inner height | 42 | 42.5 | 42.5 | 47.5 |
| D Slot size | 20 | 24 | 28 | 30 |
| C Total height | 76.5 | 76.5 | 76.5 | 81.5 |




＊ Provide 4 adjustable removers & one high versatility puller fits nearly all difficult wiper arm removing works.

## 8122 Universal Windshield Wiper Puller Kit 雨刷臂拔卸組

＊ Suitable for：
VW：POLO, LUPO, TOUAREG
OPEL：ASTRA G, ZAFIRA B, CORSA C, VECTRA C
HONDA：JAZZ, CRV, FRV, ACCORD, TURNIER
BMW：
5 Series from E39 model up to 05,
7 Series models from E38 up to 05.
Audi：A3, A4, A5, A6, Audi Q7 and other SUVs.
Ford：GALAXY, ALHAMBRA
Mercedes：A-Class and B-Class from year 05 PORSCHE CAYENNE and other SUVs.

## 8123 Windshield Wiper Arm Removal Tool(15.5mm) 雨刷臂拔卸器(15.5mm)

## 8124 Wiper Arm Puller(16mm) 雨刷臂拔卸器(16mm)

＊ Suitable：BMW

## 8125 Wiper Arm Puller(26mm) 雨刷臂拔卸器(26mm)

## 8143 Windshield Wiper Arm Puller 雨刷臂拔卸器兩爪立式

Range：Φ16~38mm

＊ Windshield wiper arm puller with adjustable pressure plate with closing spring is versatile applicable.

## 8129 4Pcs Utility Wedge Set 4Pcs強力塑鋼撬棒組

＊ Material：Plastic Steel
＊ For plastic upholstery fasteners.
＊ Place tool under edge of door panel and insert into fastener as fast as possible, and then simply pry up.
＊ Large support area to protect clips and pad.

## 8132-25 Panel Wedge Tool 25mm強力塑鋼撬棒

＊ Material：Plastic Steel
＊ For Remove Panel and plastic on the dashboard

## 8131 Trim Clip Removal Tool 鋼片式膠扣，飾板撬棒

＊ Length：172mm
＊ Width：15mm

## 8134 5Pcs Trim Clip Removal Tool Set
## 5Pcs鋼片式膠扣,飾板撬棒組

* Material：Steel
* 8134-1 L：174mm W：23mm Slot：11mm
* 8134-2 L：173mm W：13mm Slot：5mm
* 8134-3 L：173mm W：15mm Slot：5mm
* 8134-4 L：175mm W：14mm Slot：7mm
* 8134-5 L：190mm W：23mm Slot：11mm

## 8138 3Pcs Light Duty Prying And Smoothing Tool
## 3PCS迷你型鋼片撬棒組

* Material：stainless steel
* Soft grip handles
* Length：185mm

## TT101 Cooling System Tester Set
## 卡車水箱壓力試驗器

* Suitable：
  - DAF-XF 95, XF105
  - SCANIA-113, -114, -124, -125
  - VOLVO-FH12
  - IVECO-LKW-Daily 2000 C-series, RENAULT-MAGNUM
  - MAN-L 2000, -TGA
  - MB-ACTROS, -ATEGO, AXOR, -ECO 8401, -LKW 1728, MAN-F90, -F 2000, IVECO-EURO-STAR, -EURO-TECH, EURO-TRUCK, STRALIS
  - MB-SPRINTER ALT (incl. MODELLJAHR 2006), -VITO

## TT103 Toothed Socket for Truck Diesel Pressure and Injector(4Pcs)
## 卡車噴油嘴套筒組4Pcs

* 1/2" Dr. x 72mm(L) x 4 teeth：Mercedes trucks engines OM401/421, OM403/423, LA, A, OM470
* H32 x 70mm(L) x 4 teeth with M14 x 1.5mm receiver thread：Mercedes trucks, NEOPLAN, SETRA
* H32 x 120mm(L) x 4 teeth MAN, Mercedes
* 1/2" Dr. x 120mm(L) x 3 teeth：Mercedes trucks, also for IVECO, SCANIA, RENAULT

## TT511 Truck Injectors Solution
## 卡車噴油嘴拆卸器

* Suitable for SSANGYONG, Mercedes, trucks with injector pump systems or with tradition truck injectors (VOLVO, SCANIA, Mercedes, MAN, RENAULT, IVECO, etc.)

## TT102 Diesel Injector Test and Calibrating Hand Pump
## 卡車柴油噴油嘴測試器

* Material aluminum alloy (A356).
* 3.5" dial gauge reading 0-600 bar and 0-8700 lbs/sq.incg.
* The liquid tank is provided with a filter.
* Set included 2 pipes：M14 x M14, M14 x M12

## TT104 Transmission Bearing Puller Kit
## 卡車變速箱培令拔卸組

* Jaw opening：75~170mm
* Traveling：380mm

## TT109 Cylinder Liner Puller (大車用)汽缸襯套拔卸器

* Cylinder liner puller complete with support brace. Wet heavy-vehicle(e.g. Mercedes Benz, MAN)cylinder liners, automobile and stationary-engine liners, and other parts may be extracted using this puller.
* Suitable for cylinder liner Φ60~160mm

## TT113 Wheel Stud Service Kit
## 卡車輪胎螺絲拆裝器

PAT.

Provides fast and effective removal and installation of even the most seized wheel studs on most disc and drum brake applications. Eliminates the risk of damage to hubs, seals, wheel bearings, and wheel studs. Application：
For use on disc and drum brakes.

## TT110 Truck Mount/Demount Tool
## 卡車用輪胎撬棒

* Material：CR-V
* Size：Φ22x940mm(L)

## TT112 Air Tubing Adaptor Clamp
## 卡車剎車風管接頭安裝鉗

* Grip the plastic tube, let the copper coupler can put into the tube easily
* For truck, trailer and bus....use
* Fit the air tubing size：6, 8, 10, 12, 16 mm

## TT105 Brake Spoons 2Pcs
## 卡車剎車調整扳手2Pcs

* Designed to adjust brakes on most cars and light trucks.
* Universal angle design for most cars.