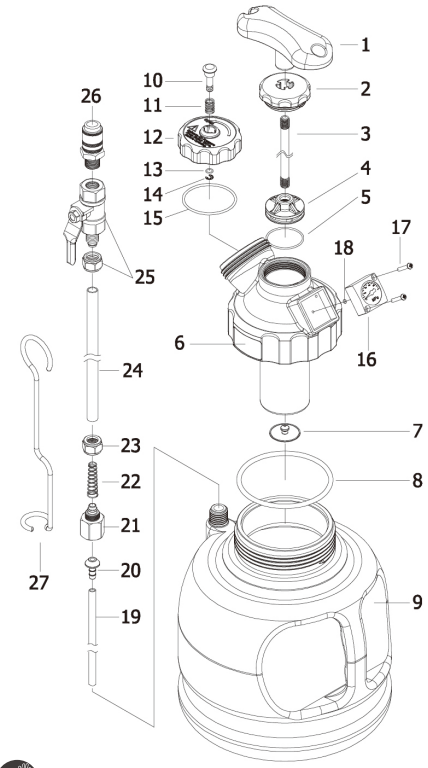
FIRSTINFO
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# FIRSTINFO TOOLS

INSTRUCTIONS FOR :
3L MANUAL BRAKE FLUID PRESSURE BLEEDER
MODEL NO. : A1163H ,
A1163HK （7pcs Set) ,
A1163HK3 (11pcs Set) ,
A1163HK4 (A1163HK3+F3627N)




Parts List

| Index No. | Parts No. | Q'ty Req | Description |
|---|---|---|---|
| 1 | A1163H-1 | 1 | Handle |
| 2 | A1163H-2 | 1 | Cover Housing |
| 3 | A1163H-3 | 1 | Shaft |
| 4 | A1163H-4 | 1 | Piston |
| 5 | A1163H-5 | 1 | O Ring |
| 6 | A1163H-6 | 1 | Housing |
| 7 | A1163H-7 | 1 | Check Packing |
| 8 | A1163H-8 | 1 | O Ring |
| 9 | A1163H-9 | 1 | Tank 3L |
| 10 | A1163H-10 | 1 | Release Button |
| 11 | A1163H-11 | 1 | Spring |
| 12 | A1163H-12 | 1 | Release Cap |
| 13 | A1163H-13 | 1 | O Ring |
| 14 | A1163H-14 | 1 | E Locker |
| 15 | A1163H-15 | 1 | Packing |
| 16 | A1163H-16 | 1 | Gauge |
| 17 | A1163H-17 | 2 | Screw |
| 18 | A1163H-18 | 1 | Packing |
| 19 | A1163H-19 | 1 | Nylon Hose |
| 20 | A1163H-20 | 1 | Adapter |
| 21 | A1163H-21 | 1 | Hose Adapter |
| 22 | A1163H-22 | 1 | Spring |
| 23 | A1163H-23 | 1 | Nut |
| 24 | A1163H-24 | 1 | PVC Hose |
| 25 | A1163H-25 | 1 | Valve set |
| 26 | A1163H-26 | 1 | Coupler |
| 27 | A1163H-27 | 1 | Hook |

## Warning / 注意

- Please always wear certified safety goggles, ear protection and gloves.
- Do not allow children and untrained persons in work area.
- Always follow the vehicle service instruction manual before using the tool.
- When the operation is complete, do not store the pressurized air in the tank as this will cause the tank to be deformed and damaged.
- Do not operate the pressure exceed 15 psi.
- 操作時請佩戴經過認證的安全護目鏡、耳罩和手套。
- 不要讓兒童和未經培訓的人員進入工作區域。
- 在使用此工具之前，請務必遵循車輛維修說明手冊。
- 操作完成後，請勿將加壓空氣儲存在加油桶中，否則會導致桶身變形和損壞。
- 請勿加壓超過 15 psi。
- 作業時には、保護メガネ・手袋・防音保護具を必ず着用してください。
- 子供や関連の訓練を受けていない人を作業場へ近づけないでください。
- 作業中に自動車サービスマニュアルに従ってください。
- 使用後は加圧された空気をタンク内に保管しないでください。タンクの変形や破損の原因になります。
- 圧力が 103kPa を超えないでください。

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886-6-2586129
886-6-2586126
https://www.firstinfo.com.tw
sales@firstinfo.com.tw
@fit-tools
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# 3L MANUAL BRAKE FLUID PRESSURE BLEEDER Set

*MODEL NO. A1163HK3*

**Safety Instruction ( 安全規範 / 安全上のご注意 )**

Please follow all workshop safety rules, regulations, and conditions as below when using our air tools
下記の注意事項をよくお読みのうえ正しくお使いください。

- **ALWAYS** inspect the tool and parts before use, replacing all the defective parts. Defective parts may create a danger. Unauthorized components may also cause a malfunction and will invalidate the warranty.
- **WARNING!** Use of incorrect size or type of attachments suitable for our tools may cause a hazard or a unstable working environment. Please choose correct size or type of attachments before using.
- **WARNING!** Applying too much force to the tool or parts may lead to lack of control. Increased vibration, or failure of components, which may cause injury.
- **DO NOT** use the tool if any part is missed or damaged because it may cause a malfunction or personal injury.
- 使用前檢視工具零件是否毀損，務必更換。使用未經授權非此款工具的原廠零件，可能造成無法運作，不列入保固範圍。使用不符合或不正確尺寸型號的非此款工具所附的配件，可能會造成危險。操作時若過度用力，或零件遺失或毀損時仍使用此工具，可能造成傷害。
- ご使用の前に、アタッチメント、ホース等に破損がないかをご確認ください。
- 非純正部品の使用による損壊は保証の対象外となります。
- 使用時に過大な力を加えると製品の破損や使用者の怪我の原因となります。能力以上の負荷がかからないようご注意ください。
- 部品の欠品や破損な状態で使用しないでください。使用者の怪我の原因となります。

- **ALWAYS** wear correct personal protective accoutrements: like glasses, gloves, mask, hard helmet, ear plugs, shoes or boots when operating air tools.
- **ALWAYS** keep hands/body clear of working parts, remove unnecessary ill-fitting clothing; for example, ties, rings, watches, other loose jewelry etc. or with long hair.
- **ALWAYS** ensure work area provides with firm footings. Cluttered and slippery workplace may cause slipping or tripping and weaken visibility.
- **ALWAYS** keep children and unauthorized persons away from the workplace.
- **ALWAYS** ensure that the workplace is suitable with enough lighting and ventilation and keep it away from unnecessary or any dangerous materials.
- **ALWAYS** place the tool in a safe, dry and childproof location. DO NOT leave the tool unattended.
- **DO NOT** operate the tool when you are fatigued or under the influence of alcohol, medication or drugs. Injury or death may occur.
- 務必穿戴保護配件並卸除身體與手部的不必要首飾配件。潮濕的場所可能導致滑倒，務必穿上止滑鞋。操作場所務必保持整潔。請勿讓孩童或未經授權使用的人員靠近操作場所。務必確認操作環境提供足夠燈光與空氣流通。工具使用後務必妥善保存。處於疲累狀態，或服用含酒精飲料、藥物，切勿操作。
- 保護メガネ・手袋・安全靴・防音などの保護具を必ず着用してください。
- 作業時には、アクセサリーやネクタイなどの必要ではないものをなるべく着用しないでください。
- 作業場所の換気と照明、地面の清潔を確保してください。
- 使用中は子供や第三者を作業場に近づけないでください。
- 作業場所付近には可燃性や危険性のあるものを置かないでください。
- 使用後に本製品を子供の手の届かない所に置いてください。
- 飲酒後、薬の服用中、疲れた時には本製品を操作しないでください。


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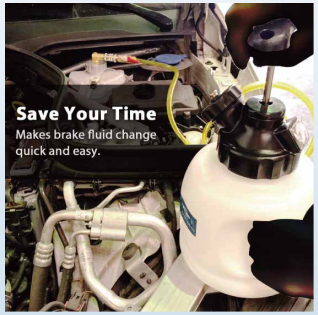


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# FIRSTINFO TOOLS

INSTRUCTIONS FOR :
3L MANUAL BRAKE FLUID
PRESSURE BLEEDER
MODEL NO. : A1163H ,
A1163HK （7pcs Set) ,
A1163HK3 (11pcs Set) ,
A1163HK4 (A1163HK3+F3627N)




## Features / 特色

- Manual operation suitable for the most vehicle brake system.
- Provide a 90° rotatable standard Europe vehicle adapter for narrow spaces.
- A variety of master cylinder reservoir adapters suitable for different vehicle types.
- Capacity 3000c.c. tank with pressure gauge, can be read and control the air pressure in the tank more easily.
- Built-in a pressure release valve on the filler cap.
- Include 2M special industrial hose with control valve and connector, 3 pcs Universal Brake Fluid Adapters.
- 21 century new patented products.

*Patented in : TW,CN,EU,USA*

專利設計: TW,CN,EU,USA
TW.CN、EU、USAで特許取得



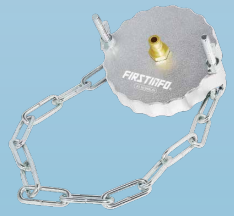
- 手動操作，適用於大多數車輛的煞車系統。
- 提供90° 可旋轉標準歐洲車款轉接頭，適用於狹窄空間。
- 附多款適用於不同車型的煞車油加油接頭可供選擇。
- 3000c.c.油桶，配置壓力錶，更容易地讀取和控制桶內壓力。
- 內建壓力釋放閥。
- 附帶有控制閥門和轉接頭的特殊工業級加油管(2公尺長)及三款剎車油蓋轉接頭(可適用於不同廠牌交換機的剎車油蓋)。
- 21世紀新專利產品。

- 多くのブレーキシステムに使用できます。
- 11種類のアタッチメントがあります。
(品番により一部は別途購入必要)
- L型アタッチメント(90度)で狭い所でも作業ができます。
- アタッチメントの交換により幅広い車種に使用できます。
- 圧力計付属なのでタンク内の圧力を分かりやすいです。
- 圧力逃がしボタンでタンク内の圧力を簡単に逃がします。
- ブレーキフルード交換用途に特化した2M給油ホースを採用するので耐久性が抜群です。
- 特許取得済の新製品, TW.CN、EU、USAで特許取得

**3 pcs Universal Brake Fluid Adapters**
3款通用煞車油轉接器 / カプラ



**11 pcs Master Cylinder Reservoir Adapters** / 11顆加油接頭組 / ブレーキブリーダーアタッチメント11種類



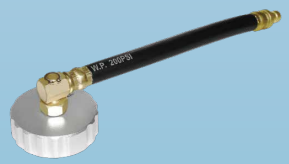
(1) No. A1163HKUN



(2) No. A1163HKA1



(3) No. A1163HKA2



(4) No. A1163HKA3

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PRESSURE BLEEDER
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A1163HK4 (A1163HK3+F3627N)



Operation example
操作實例
吊り上げるフック



Connector W/ control valve
含控制閥連接頭
制御レバー



Fluid outlet
煞車油出口
送油口



Large fluid drain hole
寬口設計方便操作
注油口



Pressure gauge
壓力錶
圧力計



Pressure release valve
壓力釋放閥
圧力逃がしボタン



Control valve holder
控制閥掛勾
給油ノズル収納



Specially designed handle
特殊握把設計
握りやすいハンドル



(5) No. A1163HKT1



(6) No. A1163HKT2



(7) No. A1163HKT3



(8) No. A1163HKTL *Patented in USA*



(9) No. A1163HKA4



(10) No. A1163HKA5



(11) No. A1163HKH1



No. A1163H



No. A11556

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3L MANUAL BRAKE FLUID
PRESSURE BLEEDER
MODEL NO. : A1163H ,
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A1163HK3 (11pcs Set) ,
A1163HK4 (A1163HK3+F3627N)

## OPERATING INSTRUCTIONS

### Steps

1. Check the integrity of the tool and all safety precautions before operation.
2. Unscrew the filler cap, fill the required new brake fluid, and then tighten the filler cap.
3. Pump the manual handle to pressurize the tank to about 12 psi.
4. Open the hood of car and hang the whole set of tools properly on the hood.
5. Unscrew the brake fluid cap of master cylinder reservoir, and use manual oil suction pump（optional, such as model A11556) to suck out the old brake fluid.
6. Select the appropriate brake fluid adapter cap in the tool set and lock it on the reservoir.
7. Connect the filling gun hose with the adapter cap, and then turn on the switch valve on the hose. Then the new brake fluid inside the tank will slowly enter the brake system.
8. Connect brake fluid bleeding receiver (optional, such as model A1156H, A11561H, A11563H) with brake nipple under the car, then loosen the brake bleeder screw.
9. The old fluid in the brake system will slowly flow into the receiver.
10. Lock the brake bleeder screw when the new brake fluid (lighter color) is seen flowing out of the receiver pipe.
11. Repeat the steps to replace the other 3 brake lines of wheels with new fluid.
12. After confirming that the fluid change is completed, turn off the switch valve on the filling gun hose, and then disconnect the hose from the brake fluid adapter.
13. Remove the adapter from the reservoir, and then lock the fluid cap back.
14. Release the pressure remaining in the tank by pressing the pressure release valve, then carefully store the tool.
15. Get on the driver's seat, step on the brake pedal, check that the brake system is normally functional, and cover the hood to complete the replacement work.

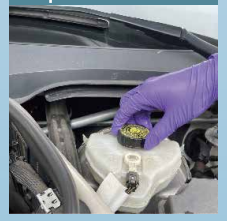
Step 3



Step 4



Step 5



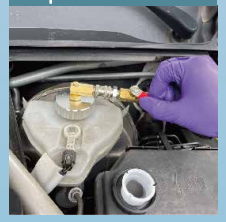
Step 5-1



Step 6



Step 7



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INSTRUCTIONS FOR :
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A1163HK4 (A1163HK3+F3627N)

## 操作指示 / 操作説明

### 步驟

1. 操作前檢查所有安全防護措施且工具完整無破損。
2. 打開桶蓋，注入新剎車油後蓋回瓶蓋。
3. 操作加壓手把將加油桶加壓至約 12 psi。
4. 打開汽車引擎蓋，將整套工具穩固地掛在引擎蓋上。
5. 打開煞車油壺蓋，用手動吸油器吸出舊剎車油。（可選購：型號 A11556）
6. 在工具組中選擇合適的加油接頭並將其鎖在煞車油壺上。
7. 將加油管與加油接頭連接，打開加油管上的閥門。
   可見桶內的新煞車油慢慢流入煞車系統。
8. 將煞車油接收瓶（可選購：型號 A1156H、A11561H、A11563H）
   與汽車下方的煞車卸油嘴連接，然後鬆開煞車卸油螺絲。
9. 煞車系統中的舊油將會慢慢流入接收瓶。
10. 當看到新的煞車油（淺色）從接收管流出後，鎖緊煞車卸油螺絲。
11. 重複上述步驟，更換其他輪胎的煞車油路內的煞車油。
12. 確認完成換油後，關閉加油管上的閥門，並分開加油管與加油接頭。
13. 從煞車油壺上取下轉接頭並將油壺蓋鎖回。
14. 按下壓力釋放閥釋放桶中剩餘的壓力，將工具存放在合適的位置。
15. 坐上駕駛座，踩下煞車踏板，檢查煞車系統功能是否正常，
    關閉引擎蓋，完成更換工作。

### ステップ

1. ご使用前には、破損などの不具合がないか確認し、「安全上のご注意」をお読みください。
2. 注油口の蓋を開け新しいブレーキフルードを入れます。
3. ポンプを 80kPa まで加圧します。
4. 付属したフックでポンプをボンネットに吊ります。
5. リザーバータンクのキャップを取り外し、サクションガンで中の旧ブレーキフルードを抜き取ります。（サクションガン品番：A11556）
6. 適したアタッチメントを選び、リザーバータンクに取り付けます。
7. 給油ノズルをアタッチメントに取り付け、レバーをオンにすると給油が始まります。
8. ブリーダーボトルをブリーダープラグに接続します。その後、ブリーダープラグを緩めます。
   （ブリーダーボトル品番：A1156H、A11561H）
9. 旧ブレーキフルードはゆっくりとブリーダーボトルに流れ込みます。
10. 新しいブレーキフルードが流れ出るのが見えたら、ブリーダープラグを締めます。
11. 以上の手順を繰り返し、他のホイールのフルードも交換します。
12. 交換完了後、給油ノズルのレバーをオフにし、アタッチメントを取り外します。
13. アタッチメントをリザーバータンクから取り外し、リザーバータンクのキャップを締めます。
14. 注油口の圧力逃がしボタンでポンプ内の気圧を逃がします。
15. ペダルを踏み込みブレーキシステムが正常か確認します。その後、ボンネットを閉めます。

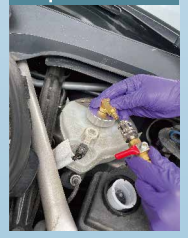
Step 8



Step 9



Step 12

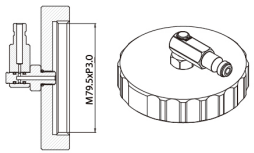
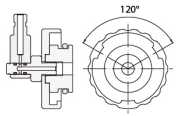
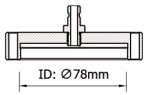
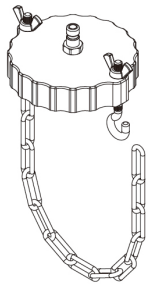


Step 14



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## Application Chart of Brake Fluid Adapter Cap

| Tool Type | Brand Name | Model Year |
|---|---|---|
| Item NO. : A1163HKA1   | Mitsubishi | Montero Brake Cap w/M79.5x3.0<br>Dimante Brake Cap w/M79.5x3.0<br>Eclipse Brake Cap w/M79.5x3.0<br>Galant Brake Cap w/M79.5x3.0<br>Lancer Brake Cap w/M79.5x3.0<br>Endeavor Brake Cap w/M79.5x3.0 |
| | Subaru | Impreza Brake Cap w/M79.5x3.0<br>Legacy Brake Cap w/M79.5x3.0<br>SVX Brake Cap w/M79.5x3.0 |
| | Volvo | S40 and V40 Brake Cap w/M79.5x3.0 |
| Item NO. : A1163HKA2    | Chrysler | All w/single three Prong Cap 1978-UP<br>New Yorker All<br>Sebring 2001-UP<br>Stratus 1999-UP |
| | Dodge | All w/single three Prong Cap 1978-UP<br>Stratus 1999-UP |
| | Dodge Truck | All w/single three Prong Cap 1978-UP |
| | Ford | All w/3 Twist-On Cap mid 80s and UP |
| | Ford Truck | All w/3 Twist-On Cap mid 80s and UP |
| | Hyundai | All w/3 Tap Cap All |
| | Infinity | All w/3 Tap Cap All |
| | Jaguar | All w/3 Tap Cap All |
| | Jeep | Cherokee 1995 |
| | Kia | All w/3 Tap Cap All |
| | Lincoln | All w/3 Tap Twist-on Cap Mid 80s and UP |
| | Mazda | All w/3 Tap Twist-on Cap All |
| | Mercury | All w/3 Tap Twist-on Cap Mid 80s and UP |
| | Mitsubishi | All w/3 Tap Twist-on Cap All |
| | Nissan | All w/3 Tap Twist-on Cap All |
| | Plymouth | All w/single three Prong Cap 1978-UP<br>Breeze All |
| | Saab | All w/3 Prong Twist-on Cap All |
| | Subaru | All w/3 Tap Twist-on Cap All |
| | Suzuki | Vitara/Grand/XL7 2001-UP |
| | Toyota | GT 86 2012-UP |
| Item NO. : A1163HKUN<br>UNIVERSAL application<br>with a chain fastener    | Acura | All-3" and Over ID Cap All |
| | Chevrolet | All W/metal Single Reservoir UP to 1970s |
| | Geo | All |
| | GMC | All W/metal Single Reservoir UP to 1970s |
| | Honda | All-3" and Over ID Cap All |
| | Hyundai | All Others All |
| | Infinity | All Others All |
| | Isuzu | All to 1989 |
| | Jeep | W/Plastic reservoir 1995-2001 |
| | Kia | All Others All |
| | Range Rover | All Others All |
| | Mitsubishi | All Others All |
| | Nissan | All Others All |
| | Peugeot | All |
| | Subaru | All Others All |
| | Toyota | Celica GT2, 0/GT1600,CS2001-UP<br>Cressida 1977-1981<br>Crown 1985 - UP<br>RAV4 1996-2009 |
| | Volkswagen | 1500/1600 Type 1,2,3 to 1988 |

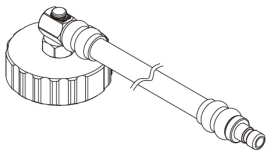
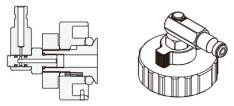
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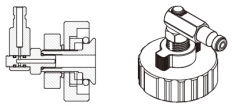
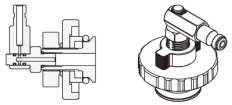
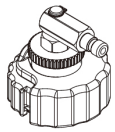
INSTRUCTIONS FOR :
3L MANUAL BRAKE FLUID
PRESSURE BLEEDER
MODEL NO. : A1163H ,
A1163HK （7 pcs Set) ,
A1163HK3 (11 pcs Set) ,
A1163HK4 (A1163HK3+F3627N)

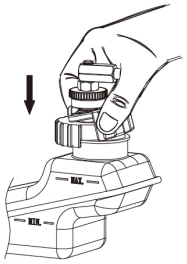
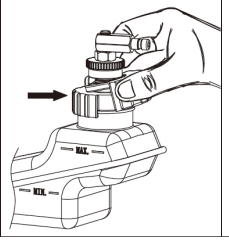
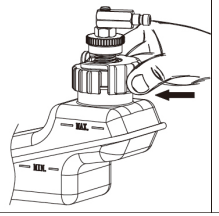
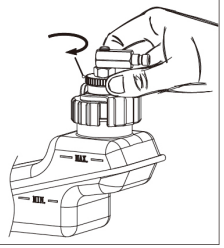
## 剎車油加油接頭應用表 / アタッチメントの車種適用表

| Tool Type | Brand Name | Model Year |
|---|---|---|
| Item NO. : A1163HKA3  | Alfa Romeo | All-W/45mm Threaded Cap All |
| | Aston Martin | DB7 Vantage All<br>DB7 Volante 2011-UP<br>V8 Vantage 2011-UP<br>V12 Vanquish All |
| | Audi | All-W/45mm Threaded Cap All |
| | Bentley | All-W/45mm Threaded Cap All |
| | Bugatti | Veyron 2006-UP |
| | BMW | All-W/45mm Threaded Cap All |
| | Chevrolet | Aveo 2007-2011<br>Cruze 2009-UP<br>Malibu 2012-UP |
| | Ferrari | All-W/45mm Threaded Cap All |
| | Fiat | All-W/45mm Threaded Cap Most |
| | Ford | Contour All<br>Fiesta 1978-1980<br>Focus All<br>Mustang 2005-UP |
| | Jaguar | All-W/45mm Threaded Cap All |
| | Kia | All-W/45mm Threaded Cap All |
| | Lamborghini | All |
| | Land Rover | All-W/45mm Threaded Cap 1970-2001 |
| | Mazda | All-W/45mm Threaded Cap All |
| | Mecedes-Benz | All |
| | Mini | All |
| | Porsche | All-W/45mm Threaded Cap All |
| | Renault | All-W/45mm Threaded Cap All |
| | Suzuki | SX4 2006-2012<br>Splash 2007-UP<br>Swift 1996-UP |
| | Toyota | Corolla 2003-2009<br>Verso 2009-2014<br>Yaris 2006-2014 |
| | Volvo | All-W/45mm Threaded Cap All |
| | Volkswagen | All-W/45mm Threaded Cap All |
| Item NO. : A1163HKT1  | Buick | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Cadillac | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Chevrolet | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Ford | Fusion (Mondeo) All |
| | Mazda | Mazda 6 2003 and UP<br>Rx-8 2003 and UP<br>MPV 2001 and UP |
| | Oldsmobile | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Pontiac | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Saturn | All W/3 Tab Twist-On Cap Mid 1990s And UP |
| | Tesla | All W/3 Tab Twist-On Cap All |

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## Application Chart of Brake Fluid Adapter Cap

| Tool Type | Brand Name | Model Year |
|---|---|---|
| Item NO. : **A1163HKT2**  | Tesla | MODEL S<br>MODEL X |
| Item NO. : **A1163HKT3**  | Tesla | MODEL 3 |
| Item NO. : **A1163HKTL**  ** Patented in USA* | TOYOTA<br>LEXUS | |

| ① | ② | ③ | ④ |
|---|---|---|---|
| Remove the reservoir cap and put a brake adapter on the reservoir.<br>打開煞車油壺蓋並將轉接頭鎖上。<br>リザーバータンクのキャップを取り外します。 | Slip into the reservoir edge.<br>滑入油壺口邊緣。<br>アタッチメントの片側をリザーバータンクの縁に押し込みます。 | Slide the other side to latch the reservoir.<br>滑動轉接頭另一側以鎖定油壺口。<br>反対側も押し下げます。 | Tighten the screw clockwise until it is locked.<br>順時針轉緊螺絲。<br>固定ネジを時計方向に回すとロックします。 |
|  |  |  |  |

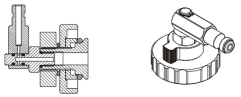
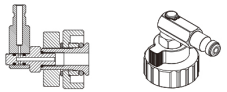
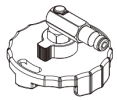
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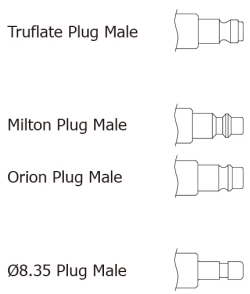
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INSTRUCTIONS FOR :
3L MANUAL BRAKE FLUID
PRESSURE BLEEDER
MODEL NO. : A1163H ,
A1163HK （7pcs Set) ,
A1163HK3 (11pcs Set) ,
A1163HK4 (A1163HK3+F3627N)

## 剎車油加油接頭應用表 / アタッチメントの車種適用表

| Tool Type | Brand Name | Model Year |
|---|---|---|
| Item NO. : **A1163HKA4**  | Chrysler<br>Dodge<br>Dodge Truck<br>Jeep<br><br>Plymouth | All W/Dual Three Prong Caps 1978-Up<br>All W/Dual Three Prong Caps 1978-Up<br>All W/Dual Three Prong Caps 1978-Up<br>All W/Dual Three Prong Caps 1996-Up<br>Liberty 2002-2008<br>All W/Dual Three Prong Caps 1978-Up |
| Item NO. : **A1163HKA5**  | Nissan | Altima 2002-2006<br>Cube 2008-Up<br>Juke 2011-Up<br>Kicks 2018-Up<br>Leaf 2011-Up<br>Maxima 2004-2008<br>Micra 2010-2013<br>Note 2012-Up<br>Nv200 2013-Up<br>Tiida 2006-Up<br>Versa 2007-Up<br>Versa Note 2014-Up<br>Livina |
| Item NO. : **A1163HKH1**  | Honda | All w/Cap Diam. 55.8mm (2.19") All |

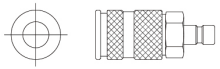
**3 pcs brake fluid adapters, applicable for different types of cap from other brands to connect.**



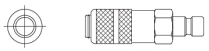

A. Truflate Coupler



B. Two Way (Milton & Orion) Coupler



C. Ø8.35 Coupler



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## How To Connect Other Brand's Adapter Cap ?
## 如何與它牌轉接頭結合使用 / 他社製アタッチメントの装着方法

| | | |
|---|---|---|
| A |  Truflate Coupler / Truflate カプラ |  Bleeder coupler 給油ノズル |
| B |  Two Way (Milton & Orion) Coupler Milton＆Orion カプラ | |
| C |  ø8.35 Coupler / Ø8.35mm カプラ | |

### Item No. A1163HK (7 pcs)

**7 pcs Master Cylinder Reservoir Adapters**
**7顆接頭組**
**加圧式ブレーキブリーダーアタッチメント7本セット**

| | |
|---|---|
| (1) No. A1163HKUN | (5) No. A1163HKT1 |
| (2) No. A1163HKA1 | (6) No. A1163HKT2 |
| (3) No. A1163HKA2 | (7) No. A1163HKT3 |
| (4) No. A1163HKA3 | |



### Item No. A1163HK3 (11 pcs)



**11 pcs Master Cylinder Reservoir Adapters**
**11顆接頭組**
**加圧式ブレーキブリーダーアタッチメント11本セット**

| | | |
|---|---|---|
| (1) No. A1163HKUN | (5) No. A1163HKT1 | (9) No. A1163HKA4 |
| (2) No. A1163HKA1 | (6) No. A1163HKT2 | (10) No. A1163HKA5 |
| (3) No. A1163HKA2 | (7) No. A1163HKT3 | (11) No. A1163HKH1 |
| (4) No. A1163HKA3 | (8) No. A1163HKTL | |

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FIRSTINFO TOOLS
INSTRUCTIONS FOR :
3L MANUAL BRAKE FLUID
PRESSURE BLEEDER
MODEL NO. : A1163H ,
A1163HK （7 pcs Set) ,
A1163HK3 (11 pcs Set) ,
A1163HK4 (A1163HK3+F3627N)

## Optional Related Products
## 另購其他相關產品 / 別売：関連商品

**A11682**
Universal Brake Refilling Adapter
通用型煞車油加注接頭
汎用型圧送式ブレーキアタッチメント



**A11556/8**
8.5 oz (250ml) Fluid Refill & Extractor
250ml 液體抽加兩用換油工具
250ml ブレーキフルードサクションガン
A11556 : EPDM Seal / 油封材質 / 材質 O リング
A11558 : NBR Seal / 油封材質 / 材質 O リング



**A1156H**
33 oz (1L) Brake Service Brake Fluid Bleeder Bottle
1L免動力型煞車油吸取器
1Lブレーキブリーダーボトル



**A11561H**
50.7 oz (1.5L) Brake Service Brake Fluid Bleeder Bottle
1.5L免動力型煞車油吸取器
1.5Lブレーキブリーダーボトル



**A11563H**
33 oz (1L) High Pressure Brake Fluid Bleeder Bottle
1L高壓式掛勾型免動力型煞車油接收器
1L脱落防止ブレーキブリーダーボトル



* Not included in this tool set, but available in FIRSTINFO store for sale.
* 上述產品未包含在此工具組，您可至良匠工具通路選購。
* 当商品はオプション品です。良匠ストアで販売しております。

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INSTRUCTIONS FOR :
7-PC Brake Bleeder Socket Adapters
W/ Built-In Check Valve &
Ratchet Wrench Kit
MODEL NO. : F3627N



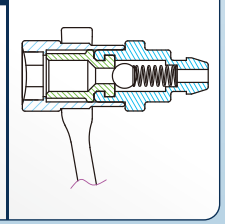
# How to Replace the Oil Seal
## 如何更換油封 / オイルシールの交換方法





**Disassembly Diagram / 拆解圖示 / 分解図**



Step 1. Use 11mm and 13mm wrench to loosen the nut.
Step 2. Remove the oil seal.
Step 3. Install the new oil seal and tighten the nut to complete it.
*The kit comes with 3 pieces of rubber oil seals for replacement.

步驟1. 使用 11mm 和 13mm 扳手鬆開螺帽。
步驟2. 拆下油封。
步驟3. 安裝新的油封並鎖緊螺帽，即可完成更換。
*隨附3個油封供更換。

Step 1. 11mmと13mmのレンチでナットを緩めます。
Step 2. オイルシールを取り外します。
Step 3. 新しいオイルシールを取り付け、ナットを締めて作業完了です。
*交換用のオイルシール3個付き

NOTE: It is our duty to keep improving products and we reserve the right to modify contents, specifications and parts without prior advice.
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# 7-PC Brake Bleeder Socket Adapters with Built-In Check Valve & Ratchet Wrench Kit

MODEL NO.
F3627N



**Safety Instruction ( 安全規範 )**
Please follow all workshop safety rules, regulations, and conditions as below when using our air tools

- **ALWAYS** inspect the tool and parts before use, replacing all the defective parts. Defective parts may create a danger. Unauthorized components may also cause a malfunction and will invalidate the warranty.
- **WARNING!** Use of incorrect size or type of attachments suitable for our tools may cause a hazard or a unstable working environment. Please choose correct size or type of attachments before using.
- **WARNING!** Applying too much force to the tool or parts may lead to lack of control. Increased vibration, or failure of components, which may cause injury.
- **DO NOT** use the tool if any part is missed or damaged because it may cause a malfunction or personal injury.
- 使用前檢視工具零件是否毀損，務必更換。使用未經授權非此款工具的原廠零件，可能造成無法運作，不列入保固範圍。使用不符合或不正確尺寸型號的非此款工具所附的配件，可能會造成危險。操作時若過度用力，或零件遺失或毀損時仍使用此工具，可能造成傷害。

- **ALWAYS** keep the air hose away from heat, oil and sharp edges. Check air hose before using and ensure that all connections are secure.
- **ALWAYS** blow out the air hose before connecting it to the tool. This action will ensure that there is no unnecessary water or debris inside the hose.
- **ALWAYS** be sure to disconnect the tool from air supply after each use, DO NOT carry tool by air hose or yank the hose from air supply as the tool may start accidentally and cause damage to the tool.
- **DO NOT** use frayed, damaged or deteriorated air hoses and fittings as injury may occur from free discharge of pressurized air or whipped hose. ALWAYS inspect for damaged or loose hoses and fittings.
- **WARNING!** Please fully depressurize air supply or disconnect from air compressor before changing, adjusting and maintaining.
- **WARNING!** Always ensure that the compressor is set at the correct air pressure. Operator must notice that the pressure is maintained and not exceeded.
- **DO NOT** point the compressed air to people, animals, or blow dust off your clothes directly. Compressed air may create a danger.
- 空壓軟管務必遠離高溫與尖銳處，使用前確保連接處安全。且勿使用受磨損或品質不良的空壓軟管，會導致軟管毀損，導致受傷。調整更換配件或維護前，務必完全洩壓或將工具與空壓機分離。操作時務必確認壓力需維持在設定區間及不可超出最大值。請勿將加壓過的空氣指向人體或動物，可能導致受傷。

- **ALWAYS** wear correct personal protective accoutrements: like glasses, gloves, mask, hard helmet, ear plugs, shoes or boots when operating air tools.
- **ALWAYS** keep hands/body clear of working parts, remove unnecessary ill-fitting clothing; for example, ties, rings, watches, other loose jewelry etc. or with long hair.
- **ALWAYS** ensure work area provides with firm footings. Cluttered and slippery workplace may cause slipping or tripping and weaken visibility.
- **ALWAYS** keep children and unauthorized persons away from the workplace.
- **ALWAYS** ensure that the workplace is suitable with enough lighting and ventilation and keep it away from unnecessary or any dangerous materials.
- **ALWAYS** place the tool in a safe, dry and childproof location. DO NOT leave the tool unattended.
- **DO NOT** operate the tool when you are fatigued or under the influence of alcohol, medication or drugs. Injury or death may occur.
- 務必穿戴保護配件並卸除身體與手部的不必要首飾配件。潮濕的場所可能導致滑倒，務必穿上止滑鞋。操作場所務必保持整潔。請勿讓孩童或未經授權使用的人員靠近操作場所。務必確認操作環境提供足夠燈光與空氣流通。工具使用後務必妥善保存。處於疲累狀態，或服用含酒精飲料、藥物，切勿操作。

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# FIRSTINFO TOOLS

INSTRUCTIONS FOR :
7-PC Brake Bleeder Socket Adapters
W/ Built-In Check Valve &
Ratchet Wrench Kit
MODEL NO. : F3627N

專利證書號

**INVENTION PATENTED IN**

USA : US998773182
JP : 3208917
TW : I544989
DE : 102016120782
UK : GB2544886
CN : ZL201510973166.6



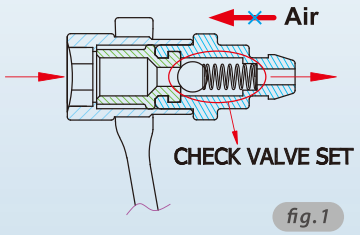



*fig.1*

## Features / 商品特色：

1. Ideal for bleeding brake systems and hydraulic clutch systems without removing the wheels.
2. Suitable for most standard and ABS brake systems.
3. Brake bleeder sockets with a built-in check valve, which prevents air backflow into the brake system. *(fig.1)*
4. Easy to replace and maintain the oil seal, extending service life.
5. Use on any vehicle, SUV, light truck and motorcycle's brake caliper.
6. Socket size : 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 3/8"
7. A 1-meter-long silicone bleeding hose is easy to use for receiving the discharged waste fluid into the oil pot.

1. 無需拆卸車輪，即可輕鬆抽取煞車油，適用於大多數的液壓煞車和離合器系統。
2. 適合大部分的標準和ABS煞車系統。
3. 洩油套筒內建逆止閥，防止空氣回流至煞車系統。*(fig.1)*
4. 油封設計方便更換和維護，延長使用壽命。
5. 適用於任何汽車、SUV、輕型卡車和摩托車的煞車卡鉗。
6. 洩油套筒尺寸：7mm、8mm、9mm、10mm、11mm、12mm、3/8"
7. 配有1公尺長的矽膠煞車油管，方便將排出的廢油導入油壺。

1. ホイールを取り外すことなく、手軽にブレーキフルードやクラッチフルードの交換作業が行えます。
2. 標準的なブレーキシステムおよびABSに対応しています。
3. 逆流を防止するワンウェイバルブを内蔵し、エア噛みを防ぎます。*(fig.1)*
4. オイルシールの交換とメンテナンスが簡単で、優れた耐久性を実現します。
5. 車、SUV、ライトトラック、オートバイのブレーキキャリパーに適しています。
6. ソケットサイズ：7mm、8mm、9mm、10mm、11mm、12mm、3/8"
7. 1mシリコン製ブレーキブリーダーホースが付属しており、
   廃液をブリーダーボトルにスムーズに排出できます。

NOTE: It is our duty to keep improving products and we reserve the right to modify contents, specifications and parts without prior advice.
IMPORTANT: No responsibility is accepted for improper use of product.

886-6-2586129
886-6-2586126
https://www.firstinfo.com.tw
sales@firstinfo.com.tw
@fit-tools
良匠工具 Firstinfotools
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INSTRUCTIONS FOR :
7-PC Brake Bleeder Socket Adapters
W/ Built-In Check Valve &
Ratchet Wrench Kit
MODEL NO. : F3627N

## Instructions / 操作説明：

Step 1. Choose the appropriate size socket to fit the ratchet wrench, then connect the silicone bleeding hose to the socket.
Step 2. Attach the socket to brake nipple and bleeder screw on the vehicle, then loosen the bleeder screw to start bleeding.
Notice : Please note that the new brake fluid needs to be refilled continuously from the master cylinder reservoir while you start bleeding.
Step 3. Pedal the brake to speed up bleeding.
Step 4. Keep bleeding until the brake fluid comes out lightly and cleanly.
Step 5. Then tighten the bleeder screw, removing the socket and wrench. The bleeding job is finished.





步驟1. 選擇合適尺寸的套筒裝上棘輪扳手，然後將矽膠煞車油管接上套筒。
步驟2. 將套筒接上車輛的洩油嘴和洩油螺絲上，轉動棘輪扳手鬆開洩油螺絲開始排氣。
注意：更換抽取煞車油時，需同時從煞車主泵處持續添加新的煞車油。
步驟3. 踩下煞車踏板可以加快排油速度。
步驟4. 當抽出的煞車油顏色較淺及乾淨時，代表新油開始被抽出，即表示換油完成。
步驟5. 旋緊洩油螺絲，移開套筒和棘輪扳手，完成換油作業。

Step 1. 適切なソケットを選んで、ラチェットレンチに取り付けた後、
シリコン製ブレーキブリーダーホースをソケットに接続します。
Step 2. ソケットをブリーダープラグに接続し、レンチでプラグを緩めます。
注意：エアーが混入しないために、必ずリザーバタンクが空にならないように補充をしてください。
Step 3. ブレーキペダルを踏むことで、エア抜き作業を効率的に進められます。
Step 4. オイルがきれいになるまで、エア抜きを続けます。
Step 5. ブリーダープラグをしっかり締めて、ソケットとレンチを取り外します。
これでエア抜き作業は完了です。

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