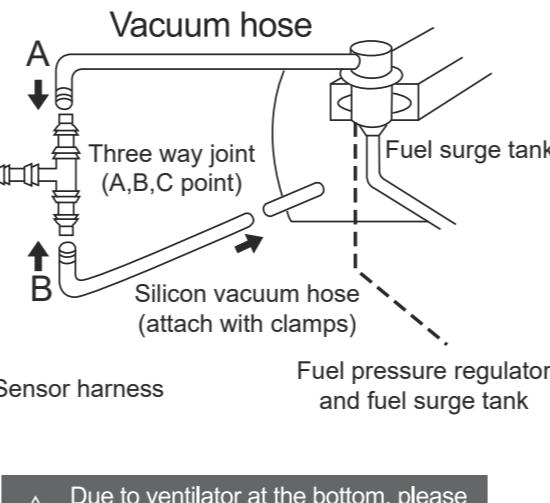
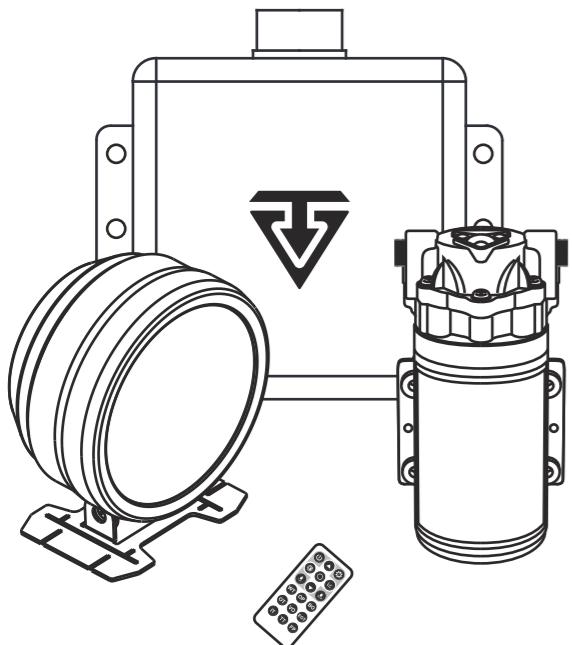
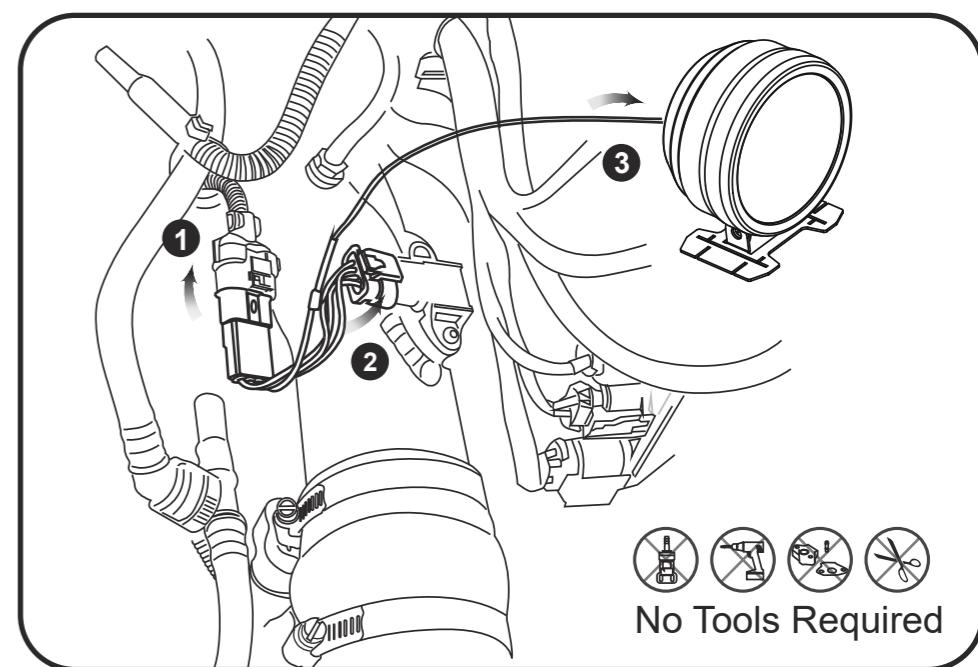


Sensor Type



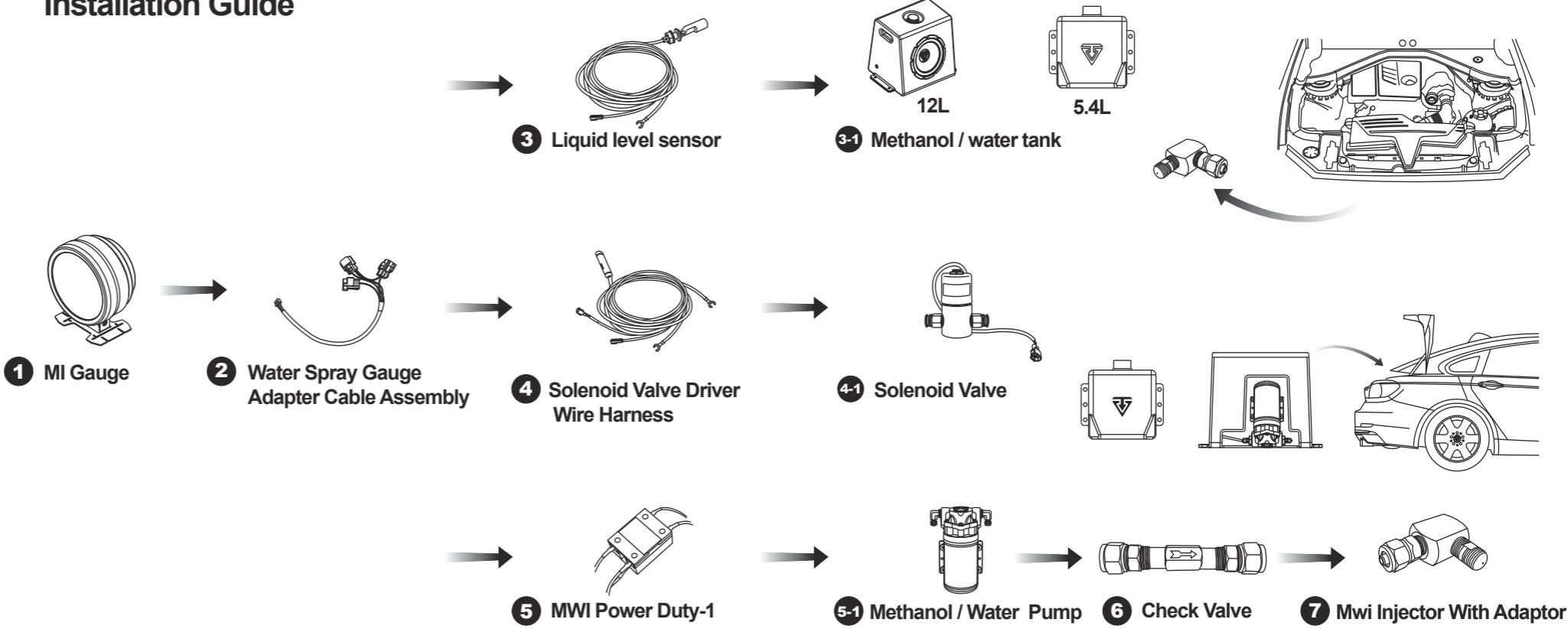
Plug & Play



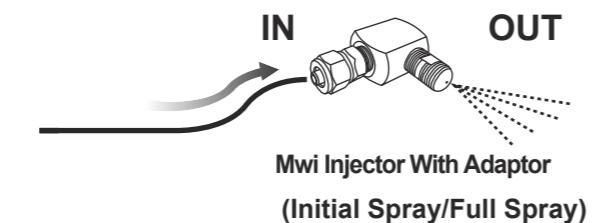
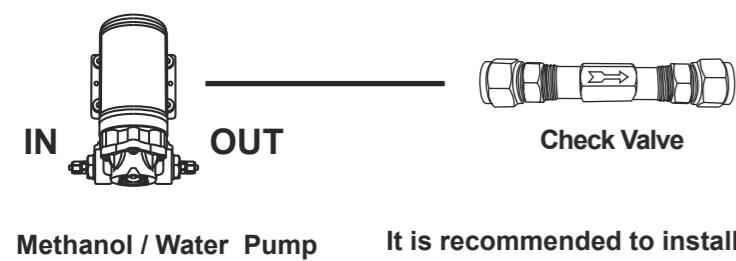
METHANOL WATER GAUGE INJECTION Kit Installation

- ⚠ To prevent damage to the vehicle, please use only unleaded gasoline with a Research Octane Number (RON) of 97 or higher, or premium diesel fuel.
- ⚠ After installation, it is necessary to shorten the maintenance interval. It is recommended to service the vehicle every 6 months or 5,000 km. To avoid damage to the engine and components, it is advisable to replace the spark plugs every 10,000 km.
- ⚠ Please do not interfere with safety devices such as seatbelts, airbag systems, or vehicle equipment (e.g., engine control systems, wheels, and braking systems) during product installation. Interfering with these devices may lead to accidents or fires.
- ⚠ In any case, VAITRIX shall not be responsible for any damage or loss to factory components resulting from the installation of the product.
- ⚠ In no event shall VAITRIX be liable for any damages, even if VAITRIX has been advised of the possibility of such damages, arising from the use (or inability to use) the product.

MWI Electrical Sub-system Installation Guide

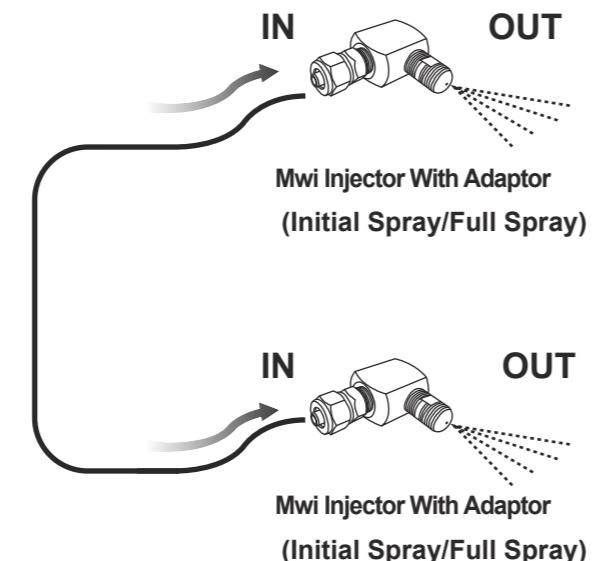
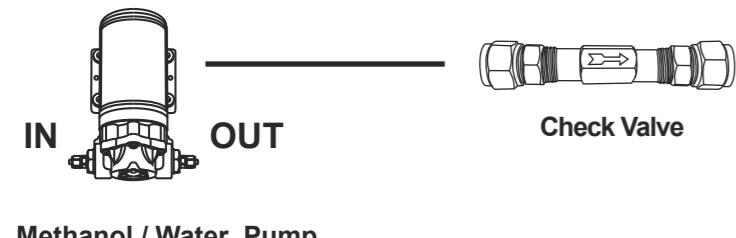


Water Flow Installation Diagram Check Valve with Single Nozzle



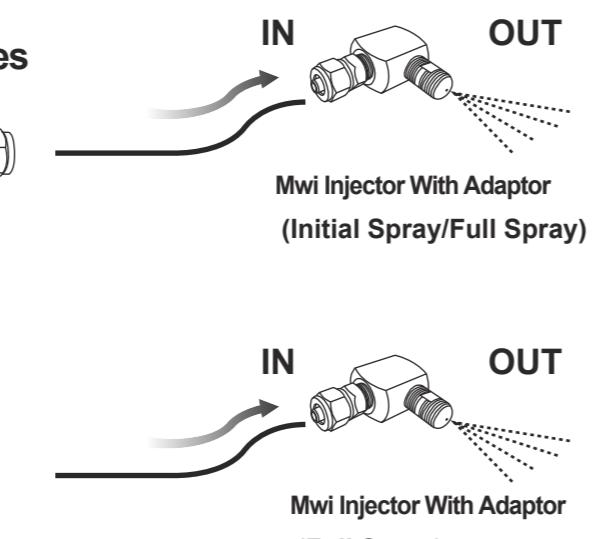
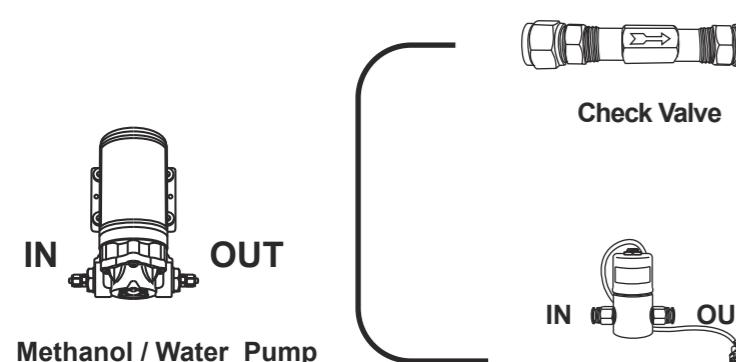
It is recommended to install the check valve within 30 cm of the nozzle.

Water Flow Installation Diagram Check Valve with Dual Nozzles



It is recommended to install the check valve within 30 cm of the nozzle.

Water Flow Installation Diagram Solenoid Valve + Check Valve with Dual Nozzles



It is recommended to install the check valve within 30 cm of the nozzle.

Remote Control Operation Manual



| | |
|----------------------------|-------------------------|
| Functional buttons | Power |
| Warning | Peak |
| ▲ Up (+) | ▼ Down (-) |
| Brightness | Enter |
| Initial methanol injection | Full methanol injection |

| | |
|-------------------------|------------------------------|
| GAUGE MODEL | BO-Booster |
| WT-Water temperature | VO-Voltage |
| OT-Oil temperature | IT-Intake air temperature |
| EGT-Exhaust temperature | TT-Transmission temperature |
| OP-Oil pressure | FP-Fuel pressure temperature |

Steps To Connect:

1. Select the gauge. Once selected, the gauge will reset, and the pointer will flash. This indicates that you are entering pairing mode. If there is no activity within 30 seconds, you will need to start the pairing process again.

2. When you've entered pairing mode, the function keys will become active.

3. To exit pairing mode, press the confirm button or any other gauge button.

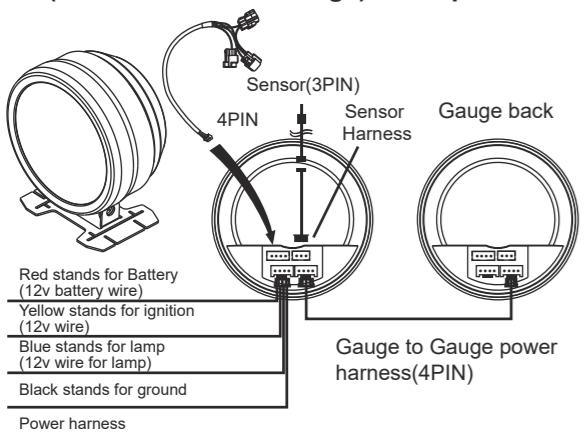
4. While connected, a long press on the turbo or exhaust temperature gauge button allows you to access sensor value calibration settings. Please note that this feature is only supported for turbo or exhaust temperature gauges.

Water Injection Operation Steps:

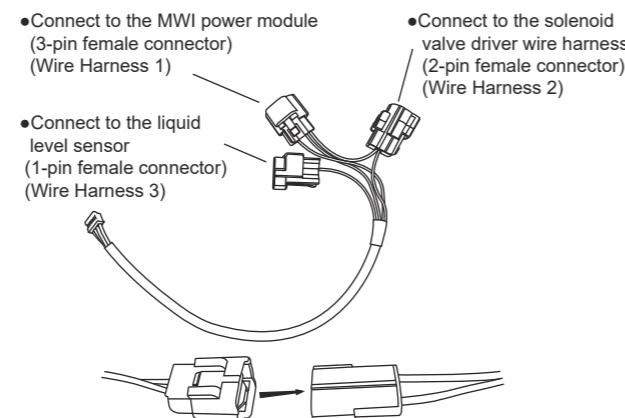
1. Press the BO button to enter the water injection settings. Then, proceed to set the initial spray and full spray settings as needed.

| Operation Manual | Illustration |
|---|--------------|
| <p>Attention</p> <p>Remote control operation requires alignment at a 75-degree angle for switching.</p> | |
| <p>POWER:</p> <p>POWER Button: Press to start operation or stop operation. OFF: Press POWER button to turn gauge off under setting mode. ON: Select and press the GAUGE MODEL under OFF mode to enter the setting mode, and the pointer will start flashing. After that, press POWER button to turn gauge on, and if press other GAUGE MODE will turn the gauge off.</p> | |
| <p>FULL METHANOL INJECTION SETTING:</p> <p>(Only methanol injection turbo gauge is available) (PEAK light and Pointer will flash at higher speed) Press UP and DOWN buttons to adjust the pressure of full power injection and then press ENTER button to complete setting. The lowest value must be higher than the value of initial injection.</p> | |
| <p>PEAK VALUE SETTING:</p> <p>(PEAK light will flashing) Press PEAK button and the recorded peak value will be displayed. Press PEAK button again, the gauge will return to the setting mode and the peak value will be kept. If ENTER button is being pressed, the recorded PEAK value will be deleted and the gauge will return to the setting mode.</p> | |
| <p>WARNING VALUE SETTING:</p> <p>Note: Please select the gauge model first, then proceed to the warning value settings.</p> <p>(Red WARNING light will come on) Adjust WARNING value by pressing UP and DOWN buttons. After setting, the gauge will buzz when the vehicle reaches above or under the setting value.</p> | |

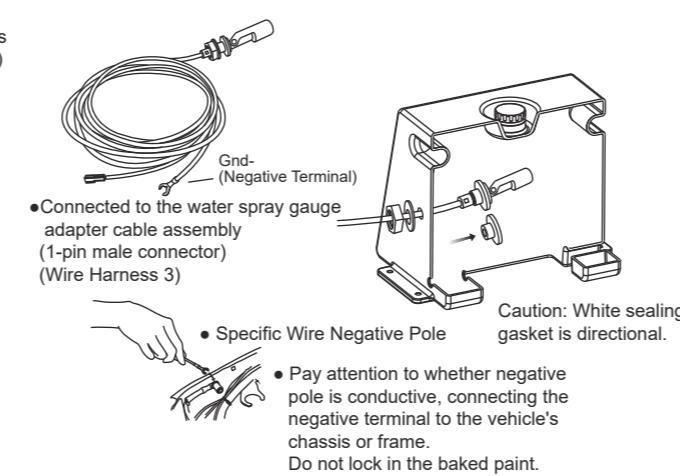
1 Connection Method Of Mi Gauge (Methanol / Water Gauge) & Adapter Wire



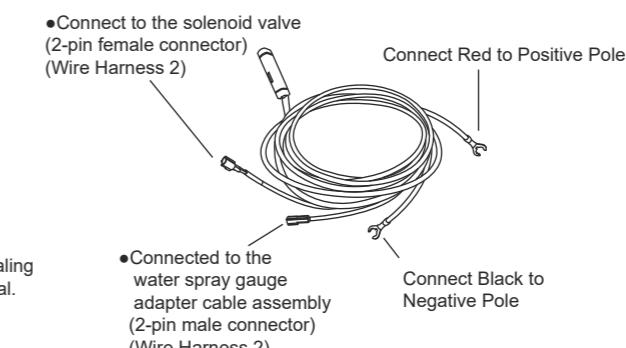
2 Water Spray Gauge Adapter Cable Assembly



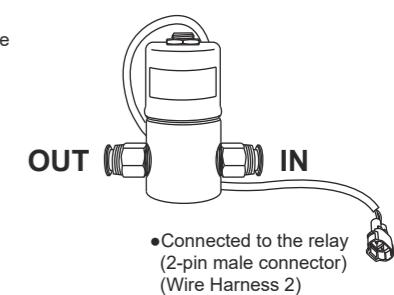
3 Liquid Level Sensor



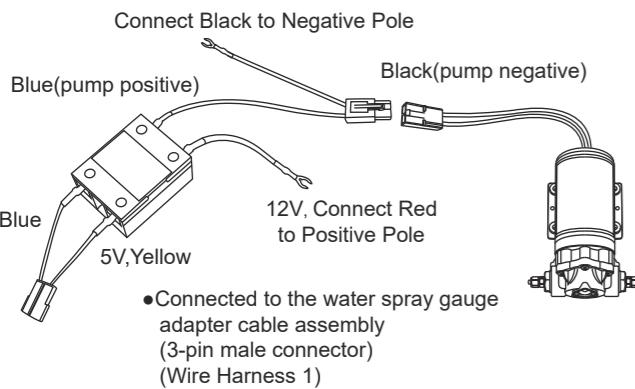
4 Solenoid Valve Driver Wire Harness



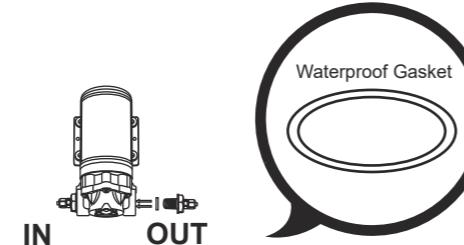
5 Solenoid Valve



6 Connection Method of METH Power Wire – DUTY-1 & Pump

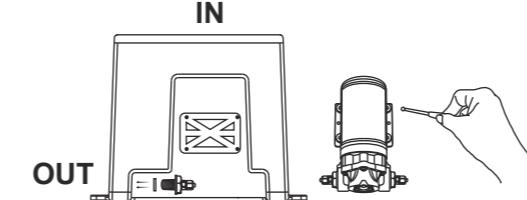


7 Pump



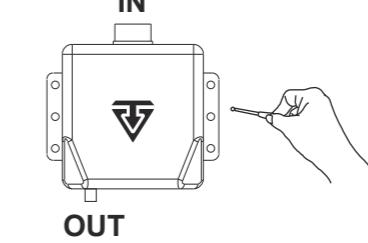
- Please pay attention to IN / OUT
- Waterproof gaskets need to be placed in the inlet/outlet holes of pump.

8 12L Methanol Water Injection Tank (OPTIONAL)



- Please pay attention to OUT. Waterproof gasket need to be placed in the outlet hole of methanol / water tank. Use screws to secure the pump onto the methanol/water tank.

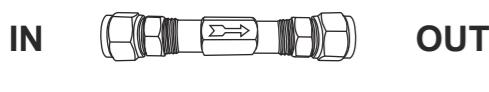
5.4L Methanol Water Injection Tank



- Please pay attention to OUT inner nut must be tighten.
- Use screws to secure the pump onto the back of back seat.

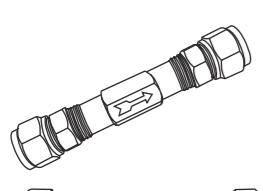
- Please pay attention: Do not fold or press the pipe when installing, otherwise it will damage the pipe structure. Cut the pipe with a knife, scissors will deform the pipe.

9 Check Valve Installation

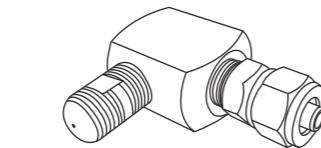


Check Valve

- Please ensure the check valve is within 30 cm of the nozzle.
- Please note that the check valve has a flow direction: IN (inlet) / OUT (outlet).
- Please ensure the arrow on the check valve is not pointing downward.

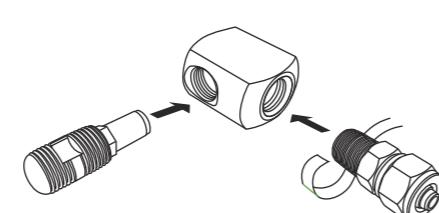


O

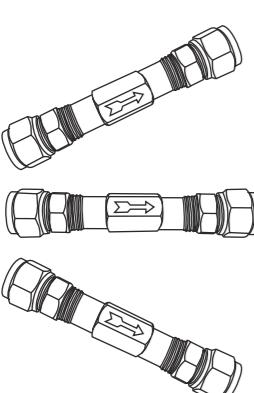


OUT

- Please pay attention do not tighten the quick coupling too tightly.



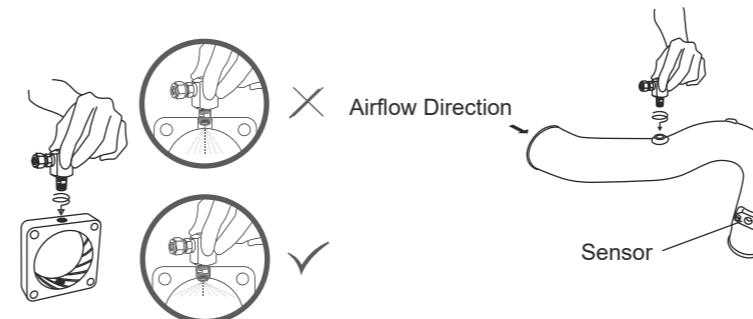
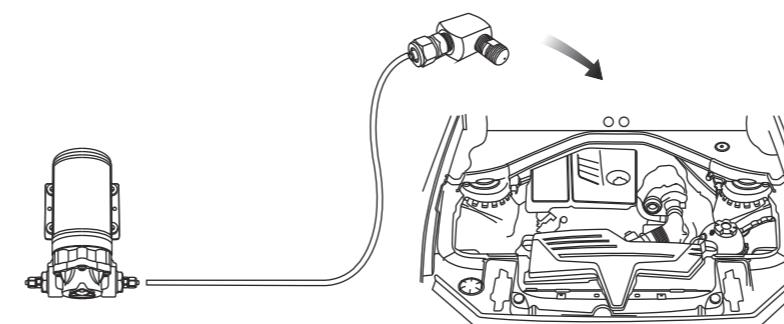
O



X

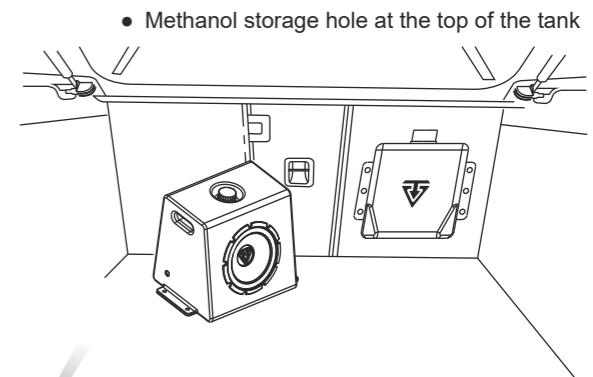
- Please pay attention when wrapping the anti-leakage tape, it needs to be in the opposite direction to the screw thread.

11 Connection Method of Methanol / Water Tank & Pump & MWI Injector

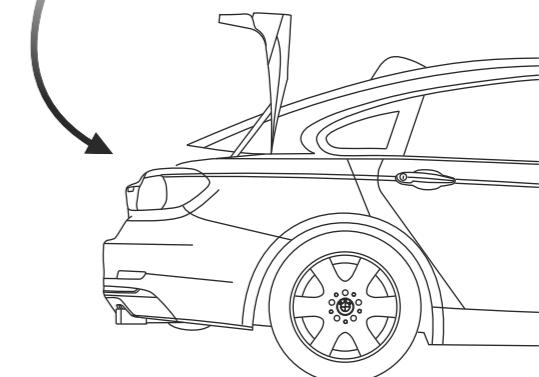


- Please note that Spacer washers are for specific vehicles, please choose the correct model.
- Please note that turbo pipes with methanol hole are for specific vehicles, please choose correct model. When drilling the hole, please note that it must be in front of the sensor.

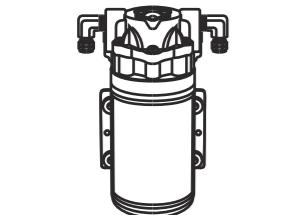
12 Place In The Rear Trunk



- Pump towards the front of the car / logo towards the rear of the car



【Optional Section】

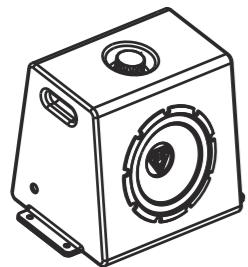


Methanol / Water Pump

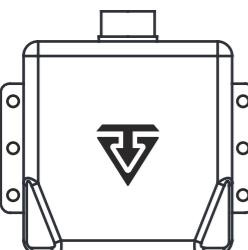


Methanol / Water Injector

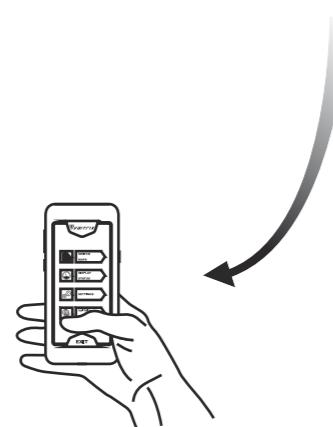
No.1 150ml/min
No.2 350ml/min
No.3 450ml/min
No.4 550ml/min
No.5 700ml/min
No.6 900ml/min



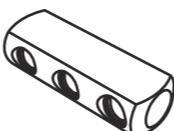
Methanol Water Injection Tank
(With Hole / Without Hole)
12L Type / 3.2gallon



Methanol Water Injection Tank
5.4L Type / 1.4gallon



Vairtrix Airforce Go Bluetooth Application
Switching By Just One Click In The App.
(Available On Android System Only)
★ Please Switch The Program In The Range Of
Excellent Network Signal.



Splitting Adaptor
I-shape 1-to-6 Adaptor,
1/8"npt



250°C / 482°F
Intake Temp Sensor



4 Bar / 60 Psi Boost Sensor



Metal Hose Fittings
T-shape 1-to-3 Splitter, 1/4" pt



Adaptor
For Methanol /
Water Injector



10 Bar / 150 Psi
Fuel / Oil / Map
Air Pressure Sensor



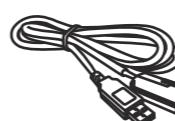
Exhaust Temp Sensor



Metal Hose Fittings
• Metal Fittings For Braided Racing Hose



Splitting Adaptor
T-shape 1-to-3 Adaptor, 1/4"npt



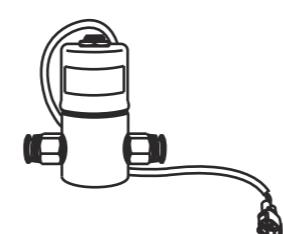
Usb Tuning Cable



Switch For Pre-spray
Switch For Piggyback



Metal Hose Fittings
L-shape 3/8"pt To 1/4"pt adaptor



MWI Solenoid Valve



Teflon Reinforced Hose
• 6m In Length

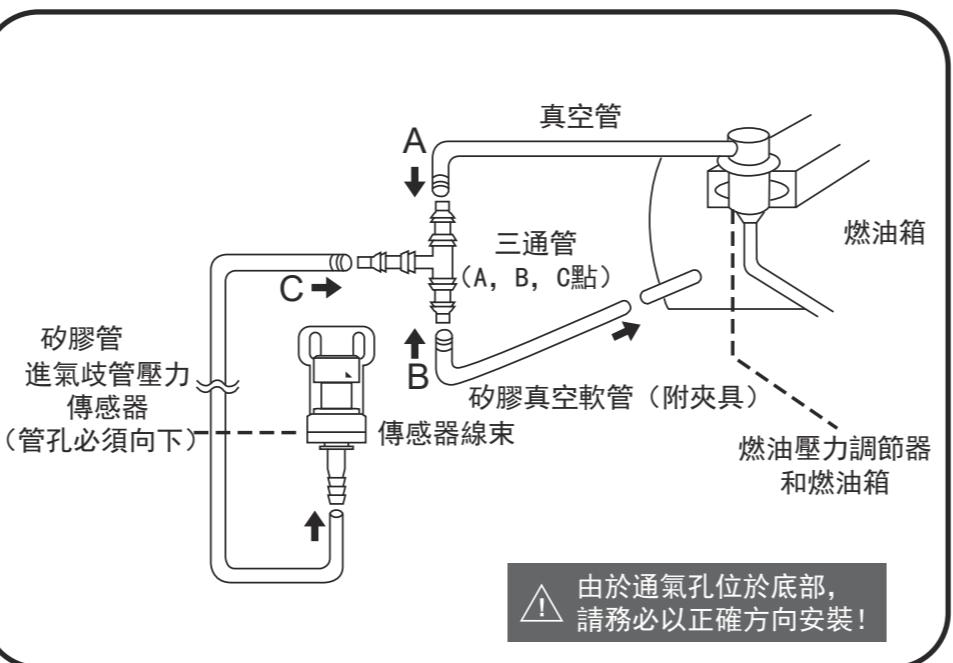
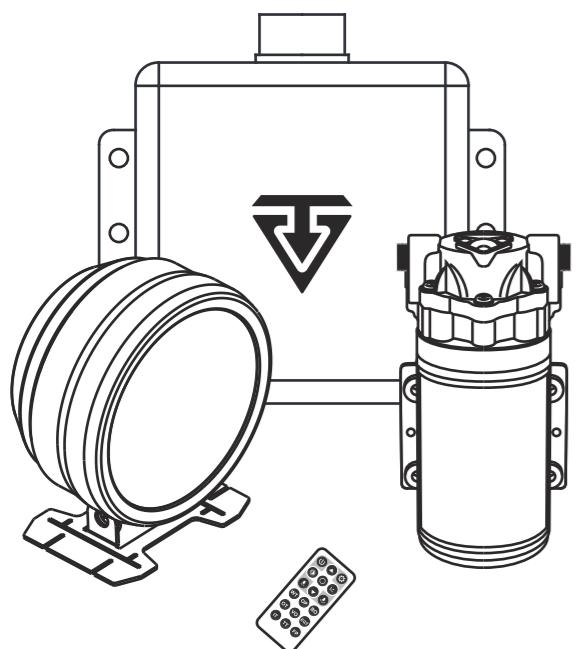


Liquid Level Sensor Wire

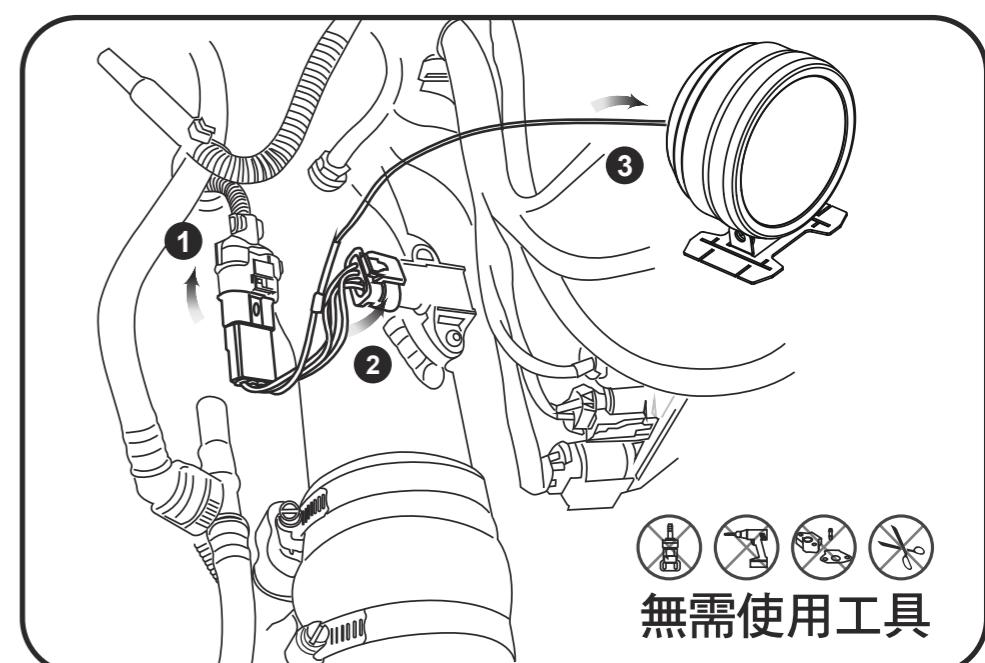


Braided Racing Hose
TEFLON(PTFE) + SUS + PET Black Braided 1/4"
• 6m In Length

一般型



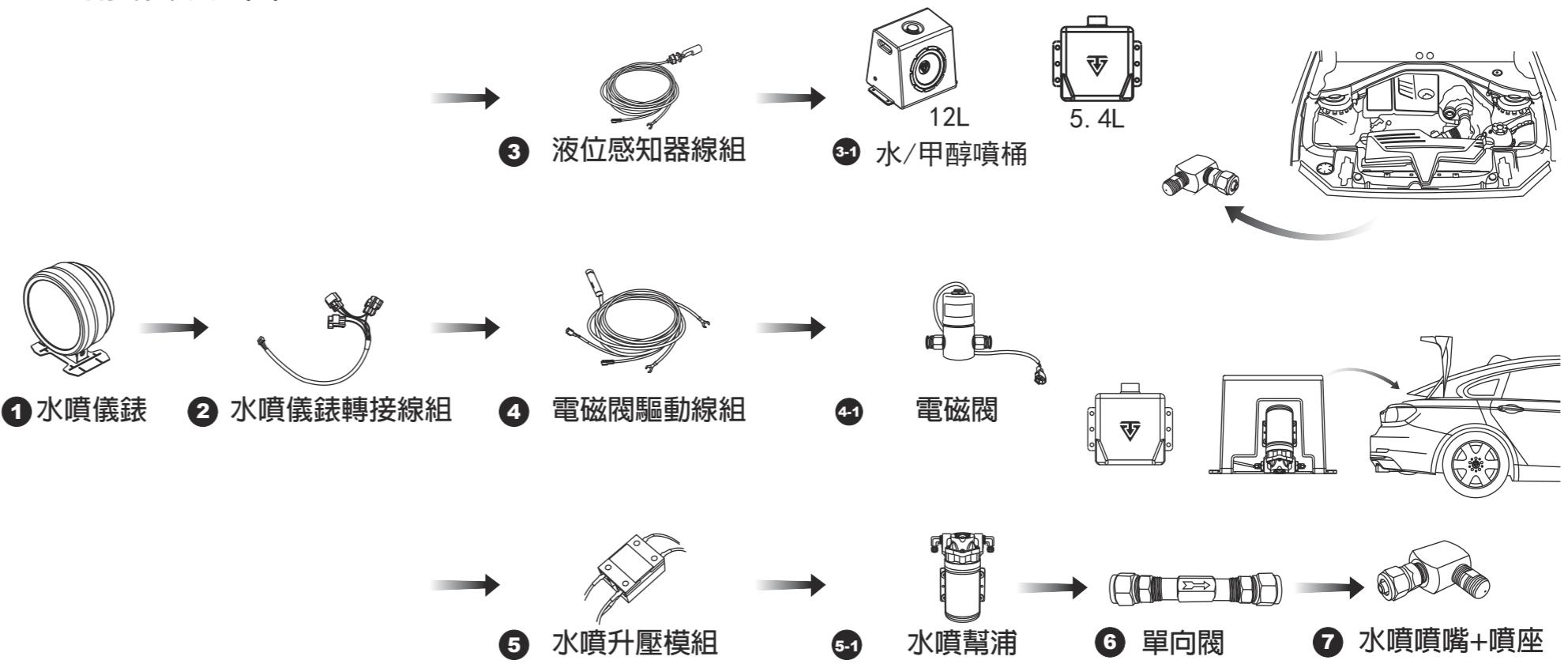
直插型



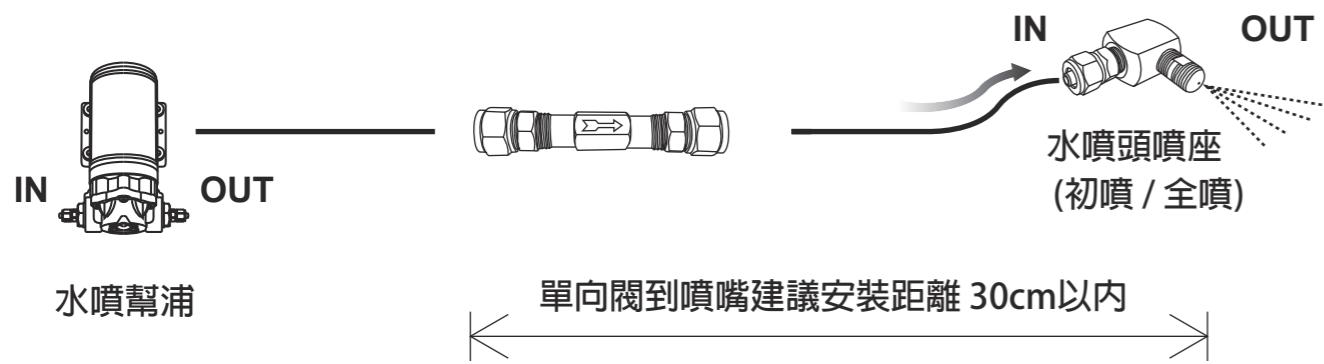
儀錶型水噴安裝指南

- 為防止損壞車輛，請僅使用高於RON97的無鉛汽油或高級柴油。
- 安裝後，需要縮短維護週期。建議每6個月或5,000公里保養一次汽車。為了避免損壞發動機和組件，建議每10,000公里更換一次冷火花塞。
- 請勿干擾安全帶，安全氣囊系統或汽車設備等安全設備（例如，發動機控制系統，車輪和製動系統。）安裝產品時。干擾以上設備可能會導致意外事故或火災。
- 在任何情況下，VAITRIX對產品安裝後工廠組件的任何損壞或損失概不負責。
- 無論如何，VAITRIX均不得對因使用（或無法使用）產品而造成的任何損壞負責，甚至VAITRIX都被告知可能會造成損壞。

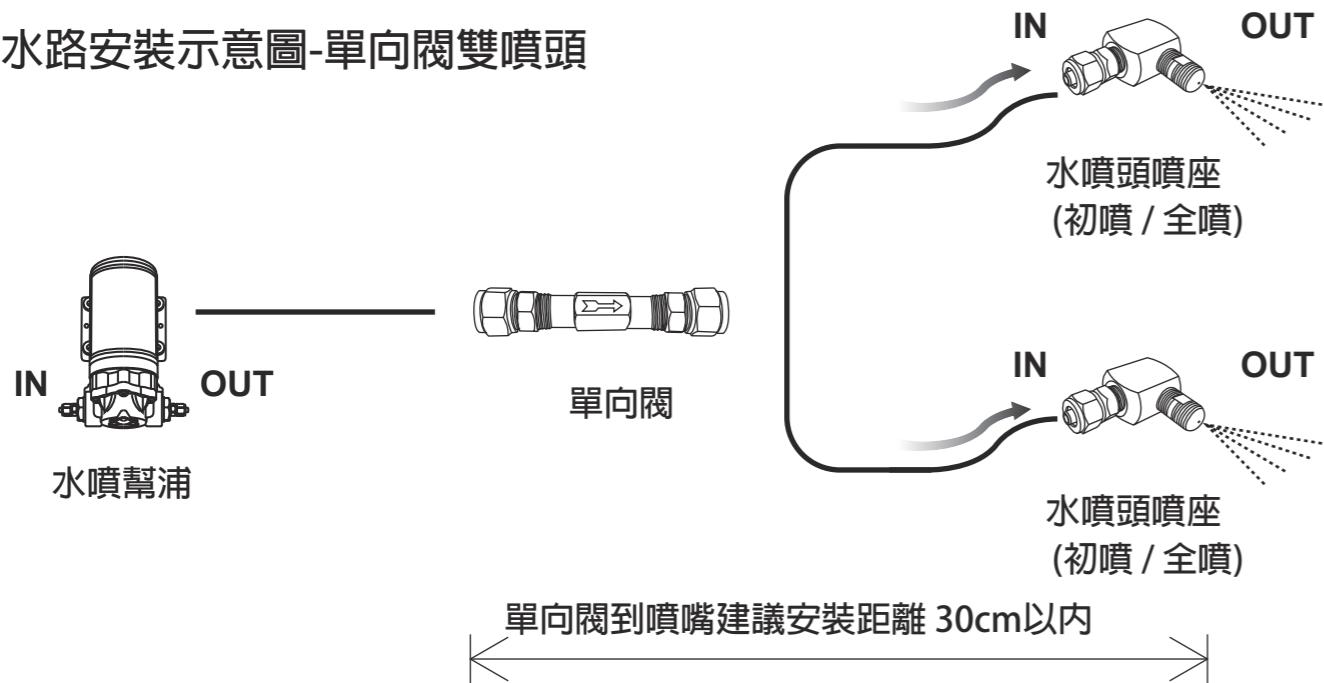
電路安裝示意圖



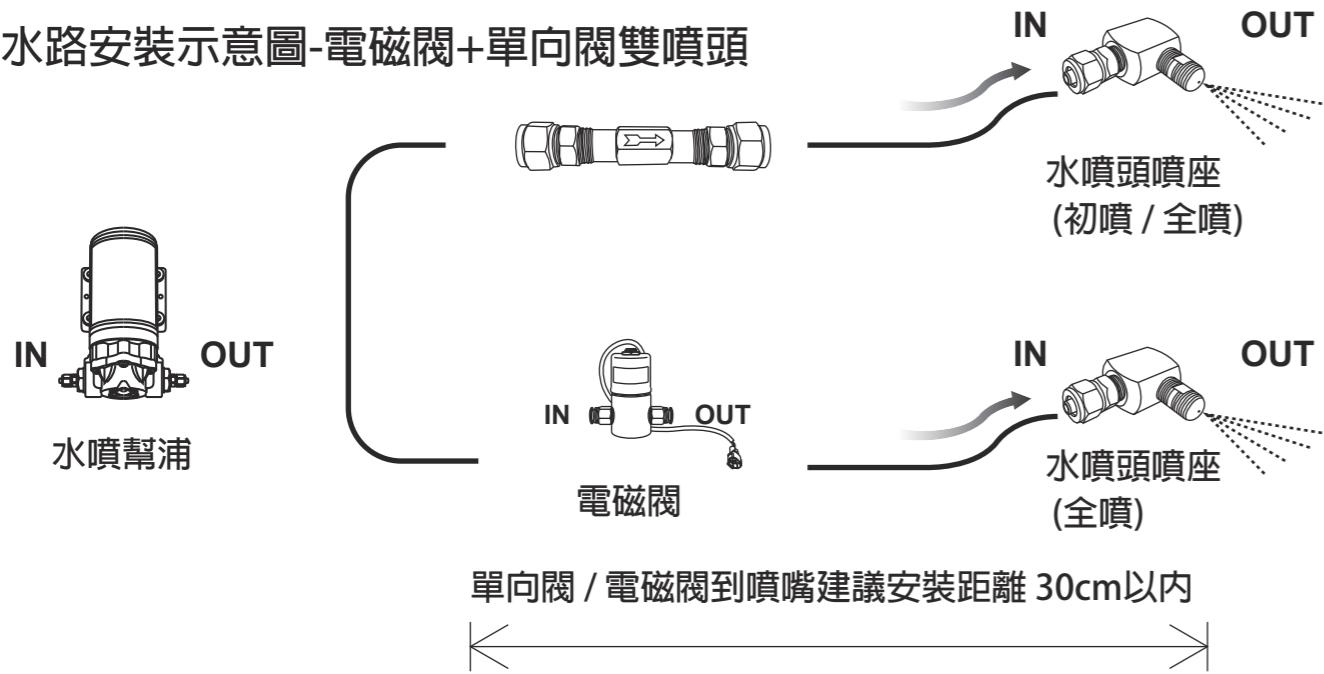
水路安裝示意圖-單向閥單噴頭



水路安裝示意圖-單向閥雙噴頭



水路安裝示意圖-電磁閥+單向閥雙噴頭



遙控器操作說明



| | |
|-----------|-----------|
| 功能鍵 | 電源 |
| 警示值設定 | 最高值 |
| ▲調整數據 (+) | ▼調整數據 (-) |
| 亮度設定 | 確定 |
| 甲醇噴射初噴 | 甲醇噴射全噴 |

| | |
|--------|----------|
| 錶款鍵 | BO-渦輪 |
| WT-水溫 | VO-電壓 |
| OT-油溫 | IT-進氣溫度 |
| EGT-排溫 | TT-變速箱溫度 |
| OP-油壓 | FP-燃油壓力 |

聯機步驟

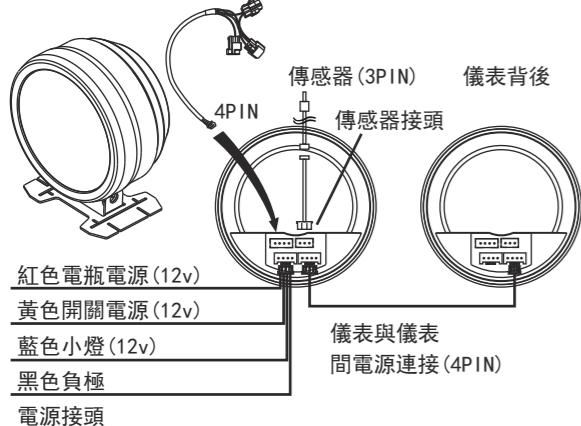
- 選擇儀表，被選定後表會歸零並指針閃爍，此為進入連機模式，在此狀態下30秒內沒動作，需重新連機。
- 當選定進入連機模式，功能鍵才會有作用。
- 離開聯機設定模式，按確認鍵或其它儀表按鍵離開設定。
- 連接狀態下長按渦輪或排溫表種按鍵能夠進入傳感器數值矯正設定，僅支援渦輪或排溫表。

水噴操作步驟

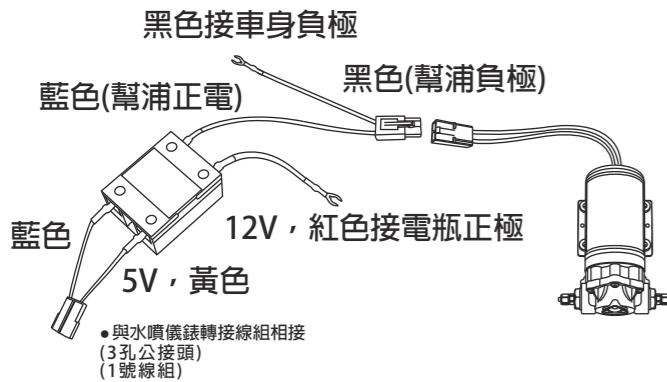
- 按BO鍵進入水噴設定，接著點選初噴與全噴分別進行設定。

| 操作說明 | 儀表顯示 |
|--|---|
| 注意 遙控器操作需要對準75度角的位置以進行切換。 | 訊號接收位置 PEAK 慢閃爍 |
| 操作說明 電源鍵 控制儀表的開機與關機。 關機：於連機模式下按電源按鈕將儀表關機。 開機：於關機模式下，選擇按下儀表種類按鍵，進入連機模式，指針閃爍，此時按下電源按鍵為開機，按其他表種按鍵為離開維持關機。 | 指針轉圈 面板閃爍 PEAK 快閃爍 |
| 亮度設定鍵 WARN燈和PEAK燈交替閃爍 以上下鍵設定亮度段數1-2-3段，按「確定鍵」完成設定 | PEAK 交互閃爍 最高值 按確認鍵則會清除最高值紀錄 恒亮 |
| 甲醇噴射預噴排空設定鍵 (僅支持甲醇噴射渦輪表) 全噴按鍵長按進入預噴模式將會持續噴5秒，同時PEAK燈會閃爍5秒。 | 快閃爍 紅色警示燈閃爍 以上下鍵調整到警示值數值確認後，儀表於車輛運行高過或低過此數值會發出警聲與警示紅燈。 恒亮 |

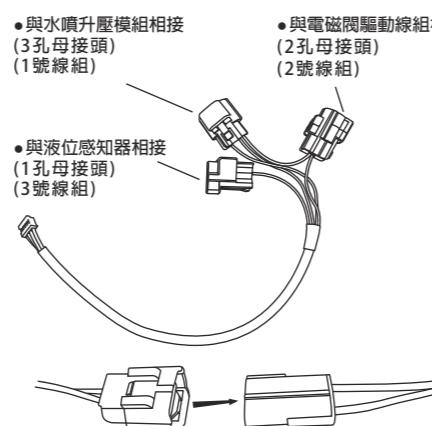
① 水噴儀錶 / 轉接線接法



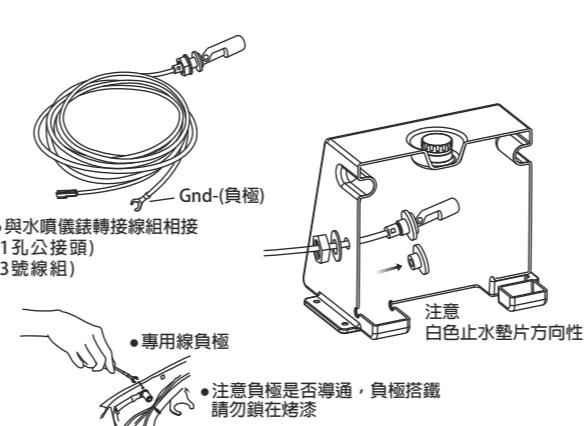
⑥ 水噴升壓模組 / 水噴幫浦接法



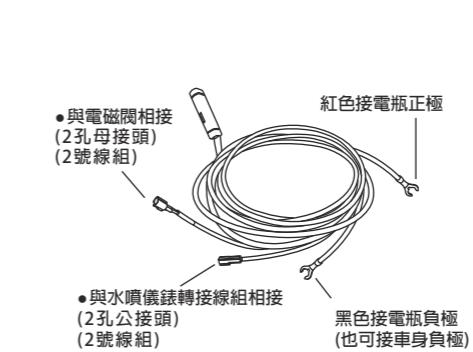
② 水噴儀錶轉接線組



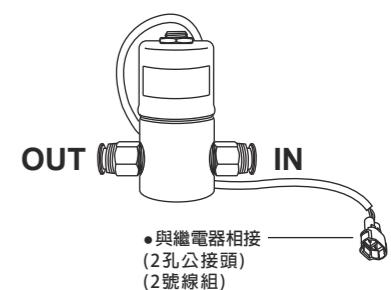
③ 液位感知器線組(選配)



④ 電磁閥驅動線組(STAGE-3)



⑤ 電磁閥(STAGE-3)

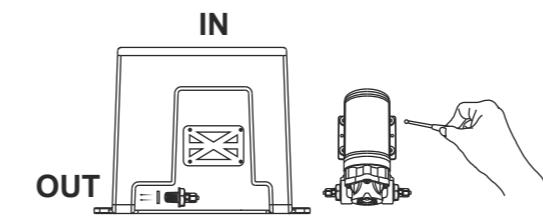


⑦ 水噴幫浦



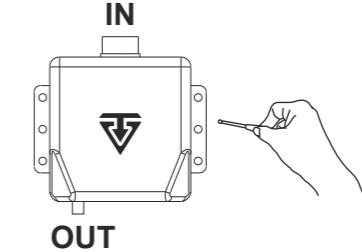
- 請注意IN / OUT
- 水噴幫浦進出水孔內需放止水墊片

⑧ 甲醇防爆桶12L(選配)

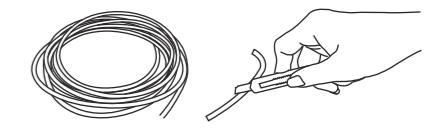


- 請注意OUT
- 甲醇防爆桶出水孔內需放止水墊片
- 使用螺絲將水噴幫浦固定在甲醇防爆桶上

甲醇防爆桶5.4L

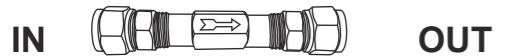


- 請注意OUT內螺母鎖緊
- 使用螺絲將甲醇防爆桶固定於後座椅背



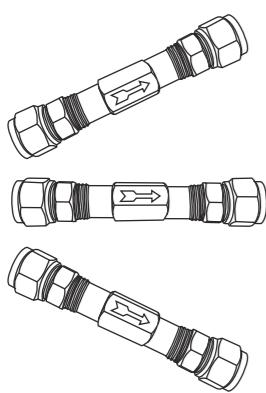
- 請注意
- 管子安裝時不能折到 / 壓到，會破壞管子結構
- 管子需要使用刀子切割，使用剪刀容易讓管子變形

⑨ 【單向閥安裝】

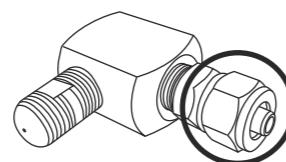


單向閥

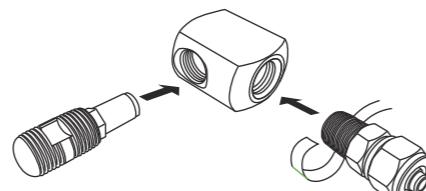
- 請注意單向閥與噴頭距離30公分以內
- 請注意單向閥有方向性，進IN / 出OUT
- 請注意單向閥箭頭不能朝下



⑩ 【水噴噴嘴+噴座】

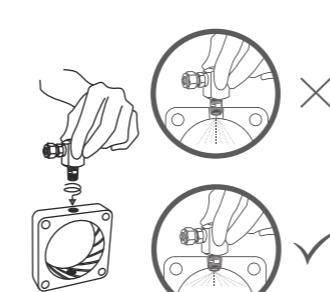
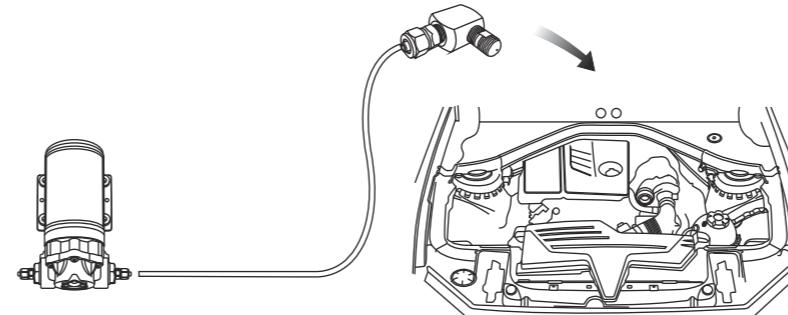


- 請注意，快擰接頭切勿鎖太緊



- 請注意
- 止漏膠帶纏繞時請注意，需要與螺紋反方向

⑪ 水噴幫浦 / 水噴噴嘴接法

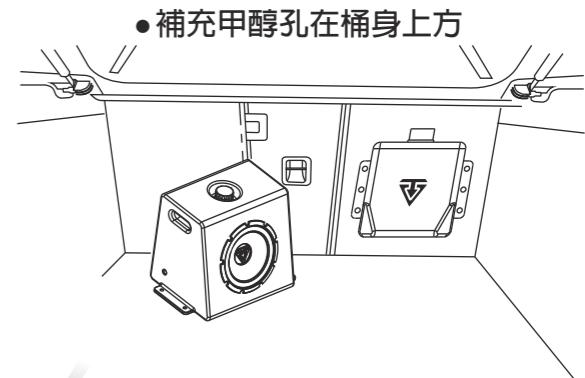


- SPACER墊寬片，注意專車專用，請選擇正確款式

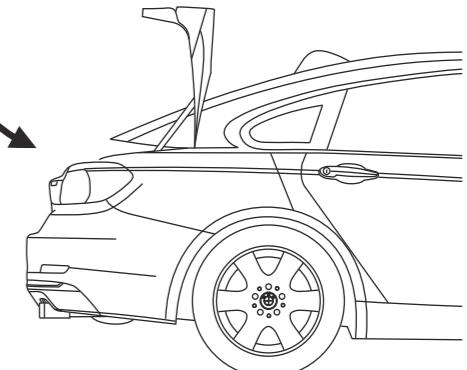


- 渦輪管帶水噴孔，注意專車專用，請選擇正確款式鑽水噴孔，注意孔位需要在感知器前

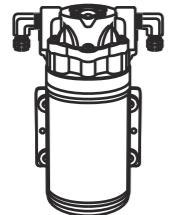
⑫ 【放置後車箱】



水噴幫浦朝車頭 / LOGO朝車尾



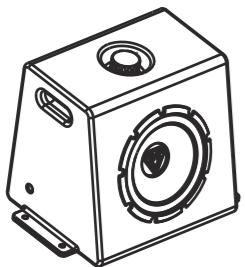
【選配 加購區】



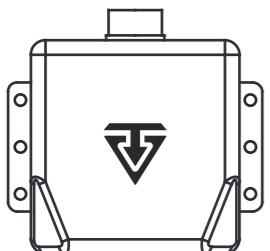
水噴幫浦



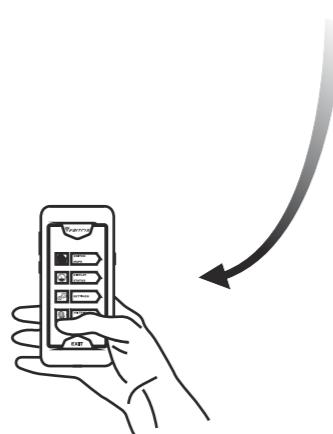
1號 150 ml/min
2號 350 ml/min
3號 450 ml/min
4號 550 ml/min
5號 700 ml/min
6號 900 ml/min



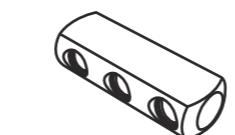
12L 水噴桶



5.4L 水噴桶



VAITRIX AIR FORCE ONE藍芽模組
僅限Android手機使用(一機在手切換自如)
★ 請在網路訊號極佳範圍切換程序



管路一分六接頭



溫度傳感器



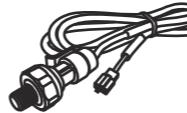
渦輪傳感器



T形金屬管轉接座



噴嘴座



油壓傳感器



排溫傳感器



金屬管轉接座



T型三通



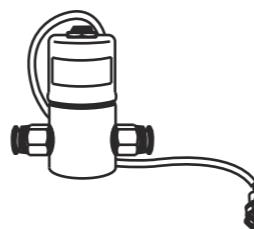
調適數據線



水噴預噴開關 / 外掛電腦開關



L形金屬管轉接座



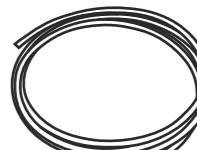
水噴電磁閥



鐵氟龍管



液位感知器線組



編織軟管