



DIGI TORQUE COMMANDER THROTTLE CONTROLLER

- ⚠ This product is designed for 12V vehicle systems only. Do not install it on 24V vehicles.
- ⚠ Removing the battery's negative terminal may erase memory data from devices like clocks and audio systems. After installation, please reset these devices according to their manuals.
- ⚠ Before installation, choose a suitable location that doesn't interfere with driving or safety features like airbags. Incorrect installation or use may cause damage or pose safety risks.

Product Introduction

VAITRIX DIGITORQUE COMMANDER

High-performance electronic throttle controller for gasoline, diesel, CNG, and hybrid vehicles. Compatible with OEM cruise control. Features an OLED display knob for real-time feedback and easy plug-and-play installation. **Improves throttle response and reduces lag.** Optional boost harness increases turbo pressure for up to 10% more power and better fuel efficiency.

List of Contents

Standard Package:

- Multi-function display + magnetic base x1.....
- Control box x1.....
- Double-sided tape x2.....
- User manual x1.....
- specific throttle harness x1.....
- Optional:Adapter cable.....
- Optional:specific boost harness.....

PRODUCT INSTALLATION STEP

⚠ Connect all harnesses before the power cable. Start engine only after wiring is complete.

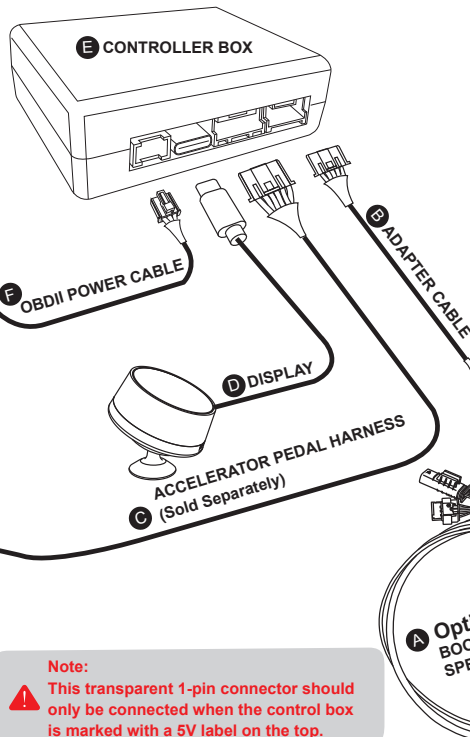
- A BOOST VEHICLE-SPECIFIC HARNESS
- B ADAPTER CABLE
- C ACCELERATOR PEDAL HARNESS
- D DISPLAY
- E CONTROLLER BOX
- F OBDII POWER CABLE

⚠ **WARNING:**
Do not mix DGT and DGP OBDII harnesses
Wrong use may cause malfunction or damage.

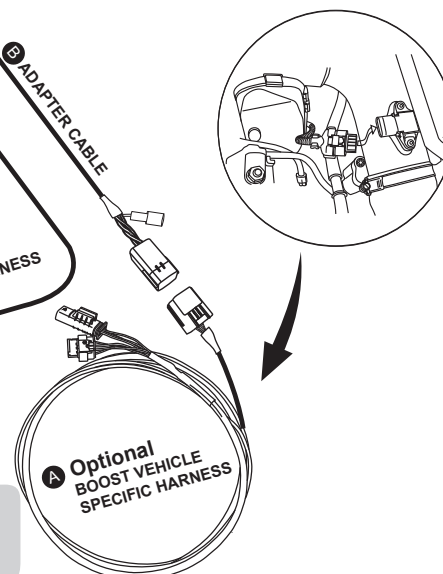
⚠ Electronic throttle / Turn off the engine for at least 10 minutes, then unplug.

Note:
⚠ This transparent 1-pin connector should only be connected when the control box is marked with a 5V label on the top.

THROTTLE ACCELERATOR



Optional
Boost Harness Connection



DOWNLOAD CONNECTION DIAGRAM



⚠ Scan the QR code above to visit www.vaitrix.com.
Select your vehicle to view the corresponding engine bay connection location (PDF).

PRODUCT FEATURES

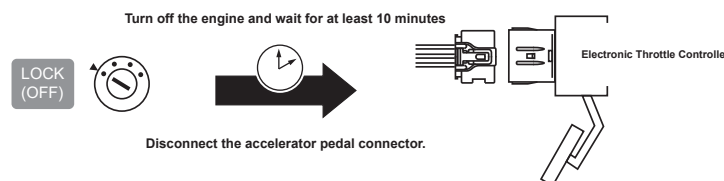
- 1.BOOST Mode (1-5 levels):**
Enhances throttle response and turbo boost for a fun driving experience.
- 2.ECO Mode: (1-7 levels):**
Ideal for city or cruising; reduces fuel consumption and vehicle wear.
- 3.SET Mode:**
Requires vehicle-specific boost wiring; settings tailored to carmodel and program.
- 4.SPORT Mode (1-9 levels):**
Perfect for mountain roads, street, or track; adjustable to driving style.
- 5.STND Mode:**
Restores factory settings; default system startup mode.
- 6.ANTI-THEFT Mode:**
Activates safety lock; accelerator becomes unresponsive when set to LOCK.

Smart Key Throttle Install Guide

Connect all harnesses before the power cable.
Start engine only after wiring is complete.

For modern European cars with smart key systems, open the driver's door and keep the key away for at least 10 minutes before installing the throttle controller.

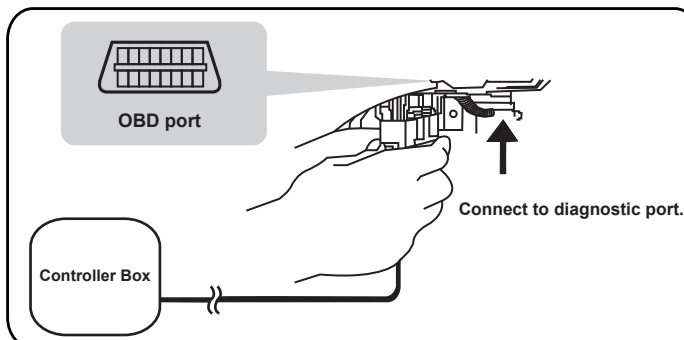
For non-European cars, turn off the engine and wait at least 10 minutes for the vehicle to enter sleep mode.



THERE ARE THREE WAYS TO CONNECT THE POWER SUPPLY

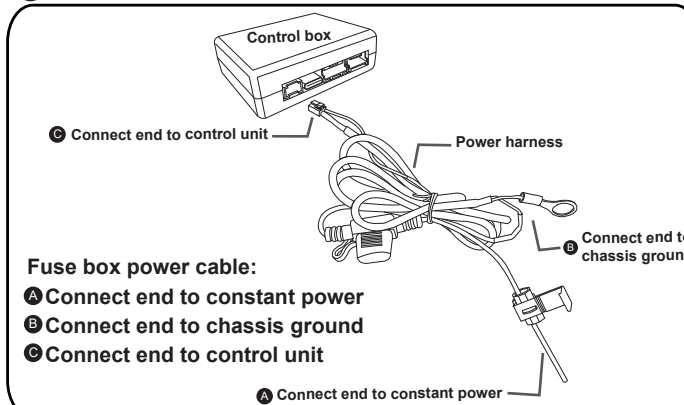
● Connection Method 1

Turn off the ignition and plug the OBDII connector into the vehicle's diagnostic port.



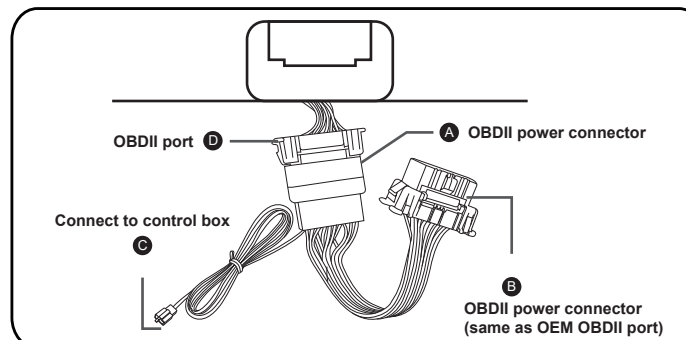
⚠ **WARNING:**
Do not use the OBDII harness for DGT on DGP units or vice versa. Incorrect usage may result in control malfunction or permanent device damage

● Connection Method 2



⚠ **WARNING:**
Do not use the OBDII harness for DGT on DGP units or vice versa. Incorrect usage may result in control malfunction or permanent device damage

● Connection Method 3



⚠ **WARNING:**
Do not use the OBDII harness for DGT on DGP units or vice versa. Incorrect usage may result in control malfunction or permanent device damage

Initial Setup & User Guidelines

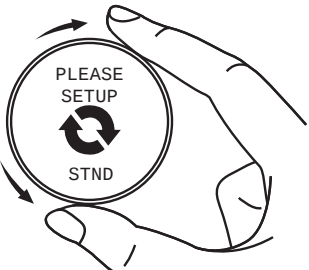
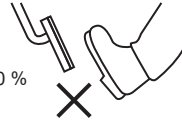
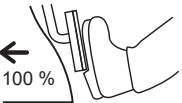
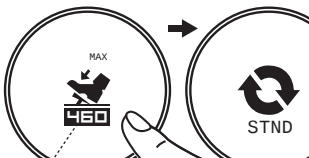
- ⚠ Initial setup is required before first use.
- ⚠ If the product is installed on another vehicle, setup must be done again.may turn on and the product will not function. After setup, the product automatically adapts to the vehicle's ECU and controls the throttle and accelerator signals.Otherwise, the check engine light may turn on and the product will not function.
- ⚠ After setup, the product automatically adapts to the vehicle's ECU and controls the throttle and accelerator signals.
- ⚠ It is powered by the vehicle's battery, and the display turns on and off according to the engine power system.

THROTTLE CONTROLLER SETUP STEPS

The initial setup of the VAITRIX DIGITORQUE COM-MANDER can only be performed in STND mode

Please first ensure that the red switch on the control box is set to Signal Type 0 (default setting).

- Notes:
- 1. Check that all wires and connectors are properly connected.
 - 2. Turn on the power and shift the gear to P or N without starting the engine.

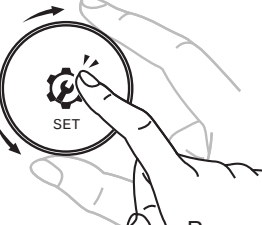
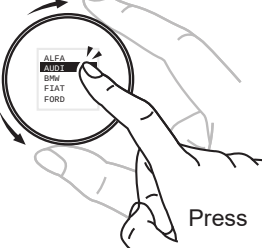
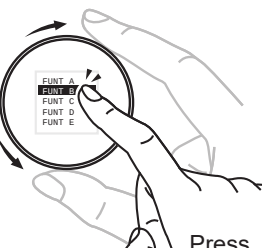
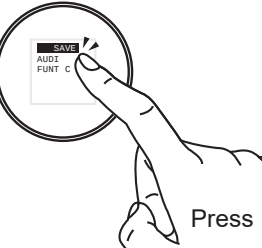
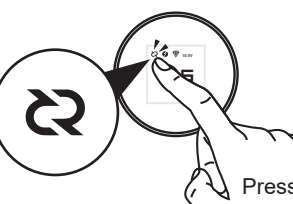
INSTRUCTIONS	MULTI-FUNCTION DISPLAY
Turn on the power without starting the engine (ignition on) . Initial setup can only be done in STND mode.  Rotate the metal knob to switch the display to STND.	 witch the display to STND.
Press and hold the screen to confirm — numbers will count down from 9 to 1 9.8.7.6.5.4.3.2.1	 Press
In MIN mode, the display screen flashes. Do not press the accelerator. Tap the screen once to proceed. 	 Black and white inverted flashing Press
In MAX mode, the display flashes. Then, fully press the accelerator pedal 【 ▲ Please fully press the accelerator pedal (KICK DOWN), hold for about 5 seconds, then lightly tap the display screen. 】  The monitor screen returning to the STND display means the setup is complete.	Remember the MAX value before adjusting. Start the vehicle after all settings are done. If the engine light turns on, adjust the signal mode (jump PIN).  Black and white inverted flashing Press
Notice: The new product is locked in STND mode and indicates PLEASE SETUP on the multi-function monitor. Once the product is used, the display will no longer show PLEASE SETUP.	

BOOST MODE SETUP STEPS

VAITRIX DIGITORQUE COMMANDER initial setup is complete.

With the optional vehicle-specific boost harness, you can check the compatibility list on our website.

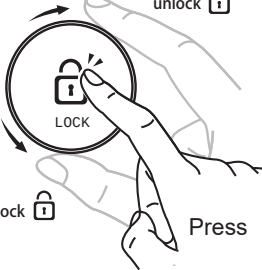
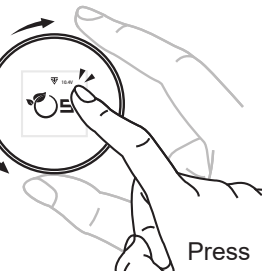
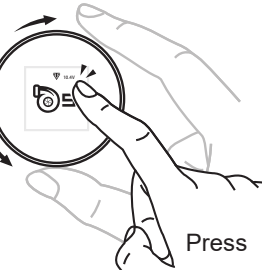
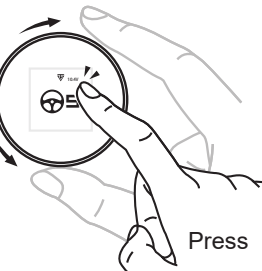
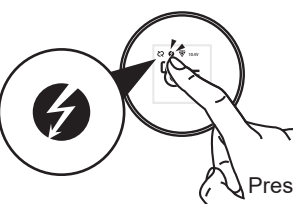
- Notes:
- 1. Please ensure the vehicle-specific harness is properly connected to the engine bay connector.
 - 2. Do not start the engine yet.

INSTRUCTIONS	MULTI-FUNCTION DISPLAY
Rotate - Turn the metal knob to SET / Press - Confirm on the display screen	 Switch the display to SET. Press
From the SET mode vehicle list: Rotate the metal knob to select the installed vehicle, Press the display screen to confirm, Then proceed to the next step.	 Press
Enter FUNTION Rotate – Switch display functions (metal knob) / Press – Confirm on screen	Note: Verify the FUNTION model chart first. Incorrect engine selection may trigger a warning light.   Press
Display "SAVE" blinking / Press – screen confirms save	 Press
 Please avoid testing with an external power supply during installation.	
ICON DESCRIPTION	MULTI-FUNCTION DISPLAY
Appears on the display  This icon indicates a disconnection status. If it appears, please check that the USB connector is properly connected and ensure there is no looseness or poor contact.	 Press

OTHER MODE SETTING STEPS

VAITRIX DIGITORQUE COMMANDER initial setup complete. Anti-theft, Boost, Eco, and Sport modes are now available.

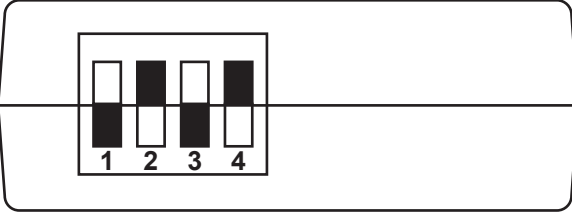
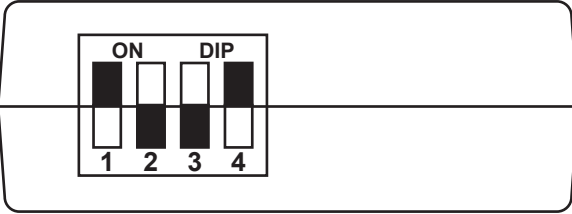
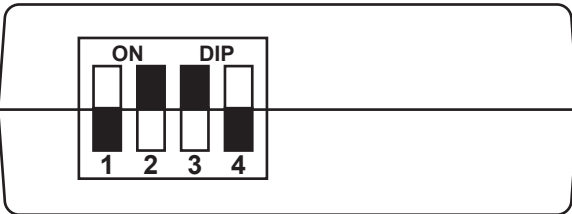
- Notes:
- Boost Mode: Levels 1–5
 - Eco Mode: Levels 1–7
 - Sport Mode: Levels 1–9

INSTRUCTIONS	MULTI-FUNCTION DISPLAY
Anti-theft Mode LOCK Press - Display screen , rotate right to unlock Press - Display screen , rotate left to lock Press and hold the screen to exit this mode.	 unlock lock Press
 Anti-theft mode activates will disables the accelerator.	
ECO Mode Rotate - Switch function on metal knob (ECO) Press - Confirm on display screen Rotate - Switch levels 1-9 on metal knob Press - Confirm on display screen Press and hold the screen to exit this mode.	 Press
Boost Mode Rotate - Switch function on metal knob (BOOST) Press - Confirm on display screen Rotate - Adjust settings 1-5 with metal knob Confirm on display screen Press and hold the screen to exit this mode.	 Press
 SPORT mode is also supported under BOOST mode.	
Sport Mode Rotate - Switch function on metal knob (SPORT) Press - Confirm on the display screen Rotate - Switch between 1-9 levels on metal knob Press - Confirm on the display screen Press and hold the screen to exit this mode.	 Press
ICON DESCRIPTION	MULTI-FUNCTION DISPLAY
Appears on the display  This icon is a low-voltage warning. It indicates that the vehicle battery voltage was detected to be below 10V, triggering the protection mechanism and low-voltage alert.	 Press

SIGNAL MODE SETTINGS

VAITRIX DIGITORQUE COMMANDER initial setup complete. Anti-theft, Turbo, Eco, and Sport modes are now available.

Switch to stable mode according to the settings shown below. There is a red toggle switch on the side of the control box. **The operator must switch it as shown to avoid product malfunction.**

Caution:  If a fault light appears after engine start, troubleshoot and resolve the issue first. Do not modify the original settings during reinstallation.  Type 0: Default setting is 1 down / 2 up / 3 down / 4 up.
 Note: TOYOTA vehicles should be set to Type 0.  Type 1: Set H less than 2.5, 1 up / 2 down / 3 down / 4 up.
 Type 2: Set when H is higher than 2.5, 1 down / 2 up / 3 up / 4 down.
ANY ISSUE WITH THE ITEMS?
If you receive the wrong item, we'll provide support if it's returned within 14 days with proof of purchase. Items not on the invoice won't be refunded.
 TROUBLESHOOTING   Q: What if the signal disconnection icon appears? A: Check all connectors to make sure they're secure and not loose.  Q: What does the voltage icon mean? A: This icon indicates the vehicle battery voltage dropped below 10V, triggering the low-voltage protection warning. Q: How do I clear the low-voltage warning? A: Reconnect the Type-C power cable. The warning will clear once the voltage is normal. Q: What if it keeps appearing? The battery may have an issue. Please check the battery condition. Q: If I didn't choose the boost sensor wire, do I need to select a vehicle in the SET menu? A: No, without the boost wire, the system won't read vehicle data, so selection isn't needed. Q: What should I check when handling the wiring harness? A: Don't pull too tight, and make sure connectors are firmly locked.



增壓型電子油門加速器

- ⚠ 本產品專為12V車輛系統而設計。請不要將產品安裝在24V系統的車輛上
- ⚠ 當移除電池負極端子時，車輛內部設備（例如具有內部記憶體の時鐘和音響組件）可能會遺失其記憶體資料。因此，在產品安裝完成後，請對室內設備依操作手冊進行重設。
- ⚠ 安裝前請考慮產品的安裝位置和駕駛者的操作位置。不要安裝於會妨礙駕駛的位置和車輛的安全裝置附近，例如安全氣囊系統。不正確的安裝或操作可能會導致產品與車輛損壞，或駕駛危險。

商品介紹

VAITRIX DIGITORQUE COMMANDER

高性能電子油門控制器，專為提升駕駛體驗打造，支援汽油、柴油、天然氣及油電混合車款，適用所有電子油門車型，不影響原廠定速系統。搭載直覺式旋鈕操作與OLED螢幕，隨時掌握行駛狀態。原廠OEM插頭設計，安裝簡單、操作便利。連接專車專用油門線組可強化油門反應、消除遲滯，選購增壓線組更可提升渦輪值與動力輸出。馬力提升約10%，加速更快、動力更強，同時優化燃油效率，全面提升操控感受！

內容物列表

標配:

- 多功能顯示器+磁吸底座 X1.....
- 控制盒 X1.....
- 雙面膠 X2.....
- 使用手冊 X1.....
- 油門專車專用線組 X1.....
- 選配:轉接線
- 選配:增壓專車專用線組

產品安裝順序

⚠ 需先完成其他線組的連接
再接上電源線，全部連接完成後方可啟動引擎

- A 增壓專車專用線組
- B 轉接線
- C 油門踏板線組
- D 顯示器
- E 控制盒
- F OBDII電源線

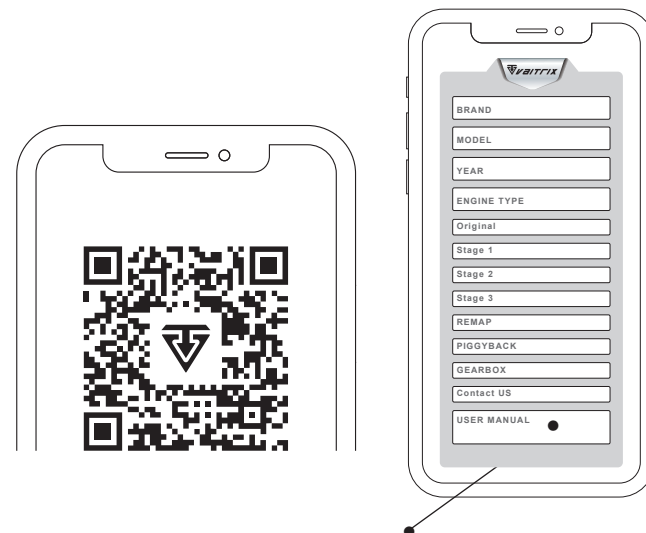
⚠ DGT 與 DGP 的 OBDII 線束不可共用，否則可能導致控制異常或損壞設備。

電子節汽門
▲ 至少關閉引擎10分鐘
然後拔下

電子節氣門
加速器

⚠ 當控制盒上方貼有 5 伏特標示時
才需要對接此透明 1PIN 接頭

專用線與汽車引擎室連接示意圖下載方式



⚠ 掃描上方QR CODE進入(www.vaitrix.com)首頁
選擇車輛資訊後，下方將顯示對應引擎室接插
位置(PDF)

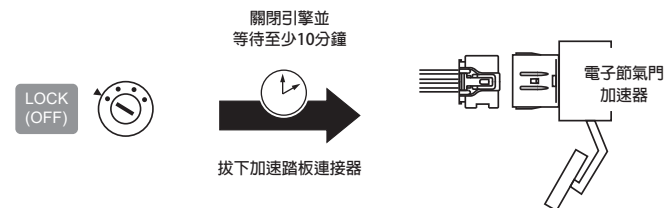
產品特點

- 1.BOOST模式 :1~5段
改善油門響應同時提升渦輪增壓值，享受駕駛樂趣
- 2.ECO模式：1~7段
適合市區/巡航駕駛，減少燃油消耗，降低車輛損耗
- 3.SET模式:前提必須選購專車專用增壓線組
該模式為車款及程式設定
- 4.SPORT模式 :1~9段
適合山道/街道/賽道行駛，依個人駕駛習慣切換
- 5.STND模式：
回復原車出廠設定狀態，另該模式為系統初始設定開通功能
- 6.防盜模式:
安全機制開關，LOCK上鎖後防盜模式啟動，
踩油門時會失去作用

安全注意事項與快速入門指南

⚠ 需先完成其他線組的連接
再接上電源線，全部連接完成後方可啟動引擎

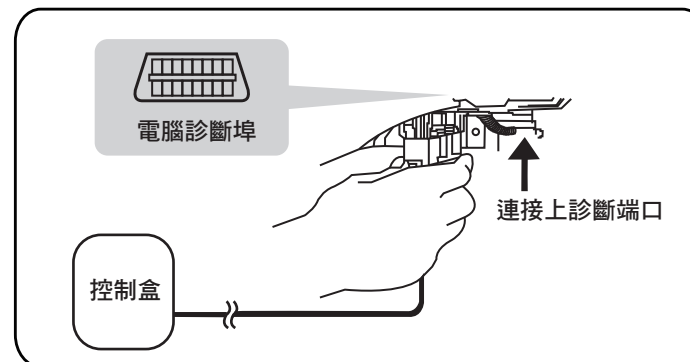
當代歐洲車多配有智慧鑰匙系統，具短距離無線電發射功能，車主靠近時車輛會解鎖並啟動引擎管理系統。因此，在安裝電子油門控制器前，必須打開駕駛座車門，並將智慧鑰匙遠離車輛超過10分鐘。非歐洲車則需熄火後靜置至少10分鐘，待車輛進入休眠狀態後再行安裝。



電源連接有三種方式

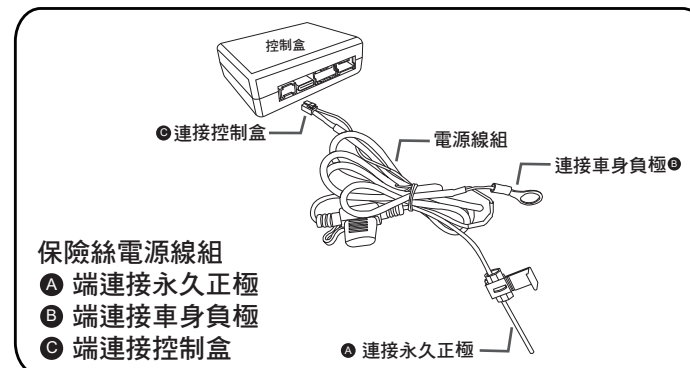
●連接方式 1

關閉點火開關並將OBDII連接器插入汽車電腦診斷連接埠



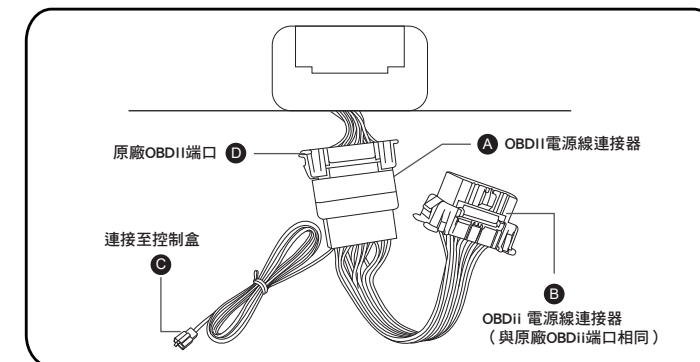
⚠ DGT 與 DGP 的 OBDII 線束不可共用，
否則可能導致控制異常或損壞設備。

●連接方式 2



⚠ DGT 與 DGP 的 OBDII 線束不可共用，
否則可能導致控制異常或損壞設備。

●連接方式 3



⚠ DGT 與 DGP 的 OBDII 線束不可共用，
否則可能導致控制異常或損壞設備。

初始設定與使用須知

- ⚠ 首次使用時，需要完成初始設定。
- ⚠ 此外，如果您將產品安裝到另一輛車上，則必須重新完成初始設定，否則引擎故障燈會亮起產品將無法運作。
- ⚠ 完成初始設定後，產品將自動適應車輛的ECU並操縱電子節氣門和加速踏板訊號。
- ⚠ 商品的電源來自於車輛的電池。因此顯示器根據引擎電源管理系統開啟和關閉。

油門加速器設定步驟

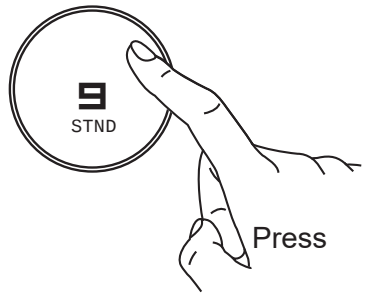
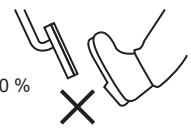
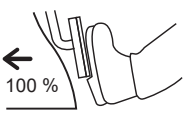
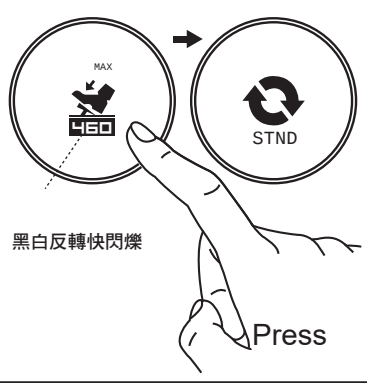
VAITRIX DIGITORQUE COMMANDER

初始設定僅能在STND模式下設定

⚠請先確認控制盒紅色開關訊號模式為類型0(原始設定)

注意事項

- 1.請仔細檢查電線和連接器正確連接
- 2.打開電源，將變速箱檔位移至P或N，但不起動引擎

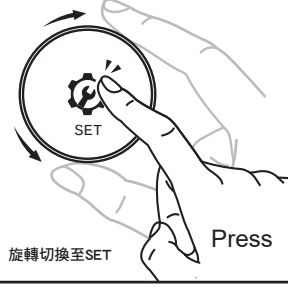
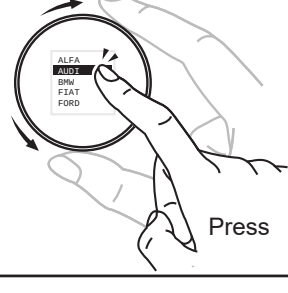
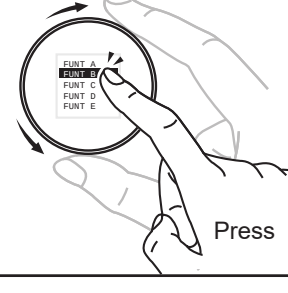
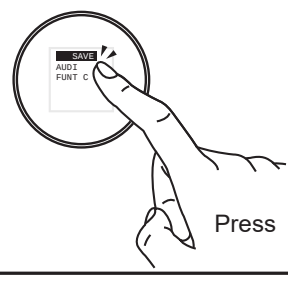
操作說明	多功能顯示器
在不啟動引擎的情況下打開電源 初始設定僅能在STND模式下執行。  ⚠ 引擎請切至紅火狀態 旋轉-顯示器金屬旋鈕切換至STND	 旋轉切換至STND
按壓-長按壓顯示器 螢幕 確認， 數字會倒數，9~1 9.8.7.6.5.4.3.2.1	 Press
MIN狀態下，顯示器 螢幕 數字閃爍 此時不要踩踏油門踏板， 並按壓一下顯示器 螢幕 ， 繼續下一步。  0 %	 黑白反轉快閃爍 Press
MAX狀態下 顯示器 螢幕 數字閃爍 接下來，踩下油門踏板到底 ⚠請確實踩到底【KICK DOWN】 建議 停留約 5 秒後 ， 再輕觸顯示器 螢幕 。  100 % 顯示器 螢幕 跳回STND畫面 代表設定完成。	⚠ 調整設定前，請先記住MAX值 完成所有設定後再發動車輛， 若有亮引擎燈請調整訊號模式(跳PIN)  黑白反轉快閃爍 Press
⚠ 全新產品鎖定在STND模式，並顯示PLEASE SETUP於顯示器上使用過的產品，顯示器將不再顯示PLEASE SETUP	

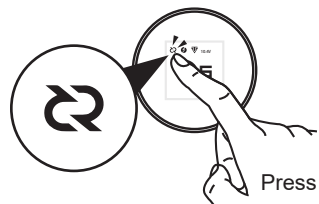
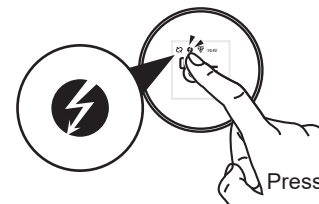
增壓模式設定步驟

VAITRIX DIGITORQUE COMMANDER初始設定完畢，
並且選配增壓線組(專車專用)，可以從網站查詢車款對照表

注意事項

- 1.請仔細檢查專車專用線和引擎室連接器正確連接。
- 2.目前還不能起動引擎。

操作說明	多功能顯示器
旋轉-顯示器金屬旋鈕切換至SET， 按壓-顯示器 螢幕 確認	 旋轉切換至SET Press
從SET模式車種列表中， 旋轉-顯示器金屬旋鈕切換至所安裝車款 按壓-顯示器 螢幕 確認 繼續下一步	 Press
進入FUNTION 旋轉-顯示器金屬旋鈕切換功能(FUNT) 按壓-顯示器 螢幕 確認	⚠ 請先至大總表確認車款FUNTION 若選擇錯誤可能導致引擎燈亮起   Press
顯示器SAVE閃爍 按壓-顯示器 螢幕 確認儲存	 Press

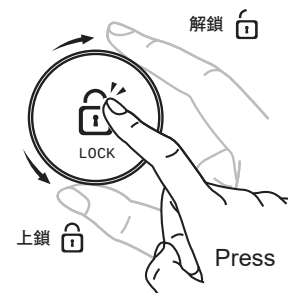
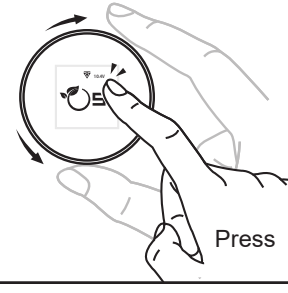
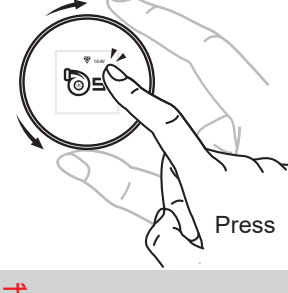
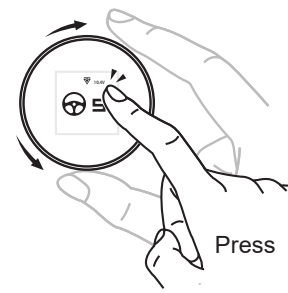
⚠ 安裝時請勿使用外部電源測試			
圖示說明	多功能顯示器	圖示說明	多功能顯示器
顯示器出現  此符號是 斷訊圖示 ，若出現此符號 請檢查USB接頭是否連接正常， 確保沒有鬆脫或接觸不良	 Press	顯示器出現  此符號是 低電壓警示圖 ， 此圖示代表 曾偵測到車輛電瓶電壓低於10V 已啟動保護機制 並發出低電壓提醒。	 Press

其他模式設定步驟

VAITRIX DIGITORQUE COMMANDER 初始設定完畢，
可以使用防盜 / 渦輪增壓 / 節能 / 運動模式

注意事項

- 渦輪增壓模式1-5段
節能模式1-7段
運動模式1-9段

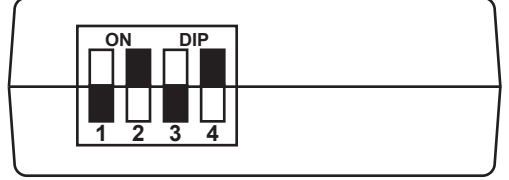
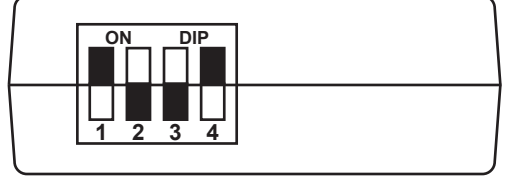
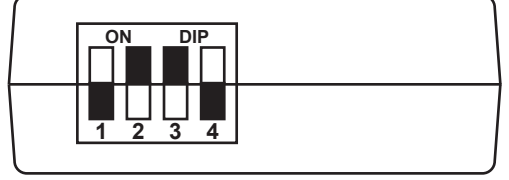
操作說明	多功能顯示器
防盜模式LOCK 按壓-顯示器 螢幕 ，同時右旋轉為解鎖 按壓-顯示器 螢幕 ，同時左旋轉為上鎖 長按螢幕即可退出該模式	 解鎖  上鎖  Press
⚠ LOCK上鎖後，防盜模式將自動啟動，踩油門時會失去作用	
節能模式ECO 旋轉-顯示器金屬旋鈕切換功能(ECO) 按壓-顯示器 螢幕 確認 旋轉-顯示器金屬旋鈕切換段數1-7 按壓-顯示器 螢幕 確認 長按螢幕即可退出該模式	 Press
渦輪增壓模式BOOST 旋轉-顯示器金屬旋鈕切換功能(BOOST) 按壓-顯示器 螢幕 確認 旋轉-顯示器金屬旋鈕切換段數1-5 按壓-顯示器 螢幕 確認 長按螢幕即可退出該模式	 Press
⚠ 在BOOST模式下同樣支援SPORT模式	
運動模式SPORT 旋轉-顯示器金屬旋鈕切換功能(SPORT) 按壓-顯示器 螢幕 確認 旋轉-顯示器金屬旋鈕切換段數1-9 按壓-顯示器 螢幕 確認 長按螢幕即可退出該模式	 Press

訊號模式設定

VAITRIX DIGITORQUE COMMANDER
可透過電子零件調整來控制電子加速踏板動態訊
號的穩定性

依照下圖設定切換改變以穩定模式。 在控制盒
側邊上有一個紅色切換開關，操作者必須如下所
示切換，以免產品故障

**⚠ 注意：若引擎發動後出現故障燈號，請先排除故障
安裝回車輛時，請勿重新設定原有參數。**


類型0：預設設定為1下 / 2上 / 3下 / 4上
⚠ 注意:TOYOTA車款設定為類型0

類型1：設定時H小於250，1上 / 2下 / 3下 / 4上

類型2：設定時H高於250，1下 / 2上 / 3上 / 4下

⚠ 問題排解 ⚠	
	Q：出現 訊號斷線圖示 怎麼辦？ A：請檢查USB接頭是否連接正常，確保沒有鬆脫或接觸不良。
	Q：為何會出現 低電壓警示圖 ？ A：此圖示代表曾經偵測到車輛電瓶電壓低於 10V， 已啟動保護機制並發出低電壓提醒。 Q：低電壓警示圖 如何消除 ？ A：請將 Type-C 電源線拔除後重新接上，系統將重新檢測電壓， 當電壓恢復正常時，警示圖會自動消失。 Q：若低電壓警示圖仍持續出現，該如何處理？ A：表示電瓶可能已出現異常，建議檢查電瓶狀況。
	Q：如果 沒有選配增壓線 ，還需要到 SET 裡選擇車款嗎？ A： 不需要 ，沒有安裝增壓線時系統不會讀取車款數據， 所以 不必進入 SET 選擇車款。
	Q：整理組線固定商品時需要注意什麼？ A： 請勿將線組拉得太緊 ，並確認接頭已確實扣緊避免接觸不良或鬆脫