



## DIGIPEDAL.COMMANDER

⚠ This product is specifically designed for 12V vehicle systems. Please do not install it on vehicles with a 24V system.

⚠ When the negative battery terminal is removed, internal vehicle devices (such as clocks and audio components with built-in memory) may lose their stored data. Therefore, after completing the installation, please reset the interior devices according to the user manual.

⚠ Before installation, please consider the product's mounting position and the driver's operating position. Do not install it in locations that may obstruct driving or near vehicle safety devices, such as the airbag system. Incorrect installation or operation may result in damage to the product or vehicle, or pose a driving hazard.

## PRODUCT INTRODUCTION

The DIGIPEDAL COMMANDER uses a new logic circuit with improved chips and design, boosting performance and system stability. With easy-to-adjust settings, it enhances throttle response to match your driving style and different road conditions.

Designed to meet customer needs, this “magic box” reduces throttle lag and delivers a more responsive, enjoyable driving experience.

## LIST OF CONTENTS

Standard Package:

Multi-function display .....	
Control box x1.....	
Double-sided tape x2.....	
User manual x1.....	
specific throttle harness x1.....	

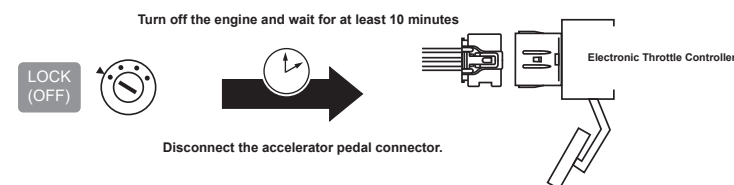
## PRODUCT FEATURES

1. Sport mode: suitable for mountain and street driving and racing on track.
2. STD mode: A signal relay that functions as a safety design and activates as an alternation of factory signal setting if the product goes wrong, as well as vehicle voltage display.
3. ECO mode: suitable for in city driving, the lower fuel consumption, the more economic a vehicle is.
4. SP+ mode: driving in a very sensitive throttle response for 10 seconds.
5. 4 modes - 22 steps: Sport mode 13 steps; STD mode 1 step; ECO 7 steps; SP+ 1 step.
6. OEM factory plug easy installation (Plug and Play).
7. User-friendly and individually adjustable.
8. Fixing up poor throttle response and throttle lag.
9. Working on Petrol, Diesel, LPG and Hybrid cars are applicable.
10. Working with factory cruise system.
11. Working on all +12v electronic throttle control systems vehicles.
12. Immobilizer mode sets up under STD mode, by pressing up button for around 5 seconds to set it up.
13. Memory in embedded for power outages and system crashes.
14. User's setting will not be deleted once the product is removed or vehicle's battery is dead.

## Smart Key Throttle Install Guide

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

Many modern European cars have smart key systems that activate the engine management when the driver approaches. Before installing the throttle controller, open the driver's door and keep the smart key away from the car for at least 10 minutes. For non-European cars, turn off the engine and wait at least 10 minutes until the car enters sleep mode before installation.



## 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.

## PRODUCT INSTALLATION STEP

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

- A ACCELERATOR PEDAL HARNESS
- B DISPLAY
- C OBDII POWER CABLE

⚠ 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.

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

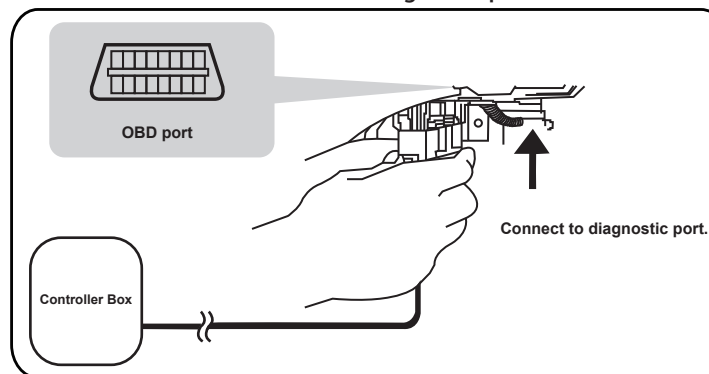
⚠ Note: This transparent 1-pin connector should only be connected when the control box is marked with a 5V label on the top.

THROTTLE ACCELERATOR

## There are three ways to connect the power supply

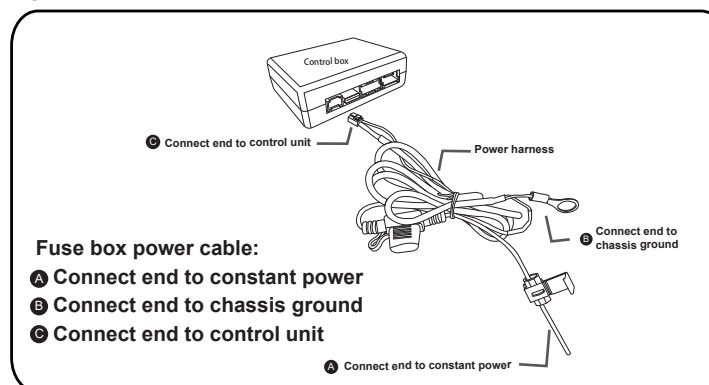
### ● Connection Method 1

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



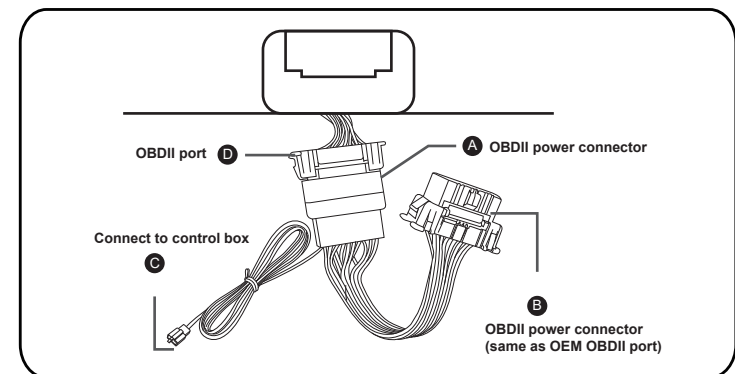
⚠ WARNING: Do not use the OBDII harness for DGT on DGP units or vice versa. Incorrect usage may result in control malfunction or permanent device damage

### ● Connection Method2



⚠ 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

## Illustrated Outline

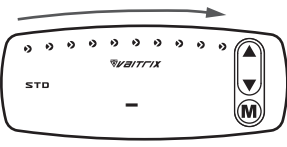


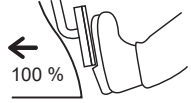




## Throttle Controller Setup Steps

The initial setup of the VAITRIX DIGIPEDAL COMMANDE can only be performed in STND mode.

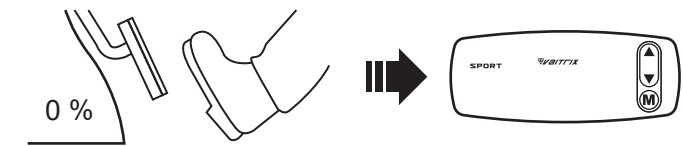
**⚠ Please first ensure that the red switch on the control box is set to Signal Type 0 (default setting).**

1. Please check cables and connectors thoroughly to confirm they are connected.
2. Turn on the power and shift the gear to P or N without igniting the engine.

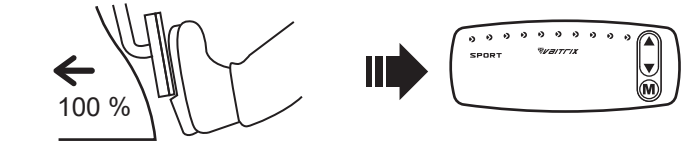
Operating Instructions	Multi-Function Monitor
Turn on the power without starting the engine. The preliminary setting is under STD mode only. Make sure the gauge monitor indicates STD before continuing.	
Hold mode button, the 10 lamps on the gauge monitor will light up one after another. Then, the 10 lamps will be off and meanwhile release the mode button. After this, the gauge monitor will flash L0.2 - L2.0 voltage.	L 0.2 - L 2.0 
Do not step on the accelerator pedal at this moment. Instead, press the mode button just once to go to next.	
Afterwards, the gauge monitor will flash H with numbers. Next, press down the accelerator pedal to the floor, the numbers on the gauge monitor will build up between H2.6 - H4.8 voltage.	H 2.6 - H 4.8 
When performing the setup, make sure to fully depress the accelerator (KICK DOWN) to avoid affecting subsequent setting values.	
Finally, press mode button just once. The completion of the initial setting will display dash symbol "-" on the gauge monitor after pressing the mode button. If the initial setting process went wrong, it would get back to the phase of flashing L0.2 or L 2.0 over and over till the completion of the initial setting.	 
<b>⚠ Notice:</b> The new product is locked in STD mode and indicates USE on the multi-function monitor. Once the product is used, the display will no longer show USE.	

## Setting Confirmations

After completing the above setting procedure, please reconfirm before you drive!  
Please remain in "SPORT mode" and release the accelerator pedal to make sure you have done correctly.



Please remain in "SPORT mode" and release the accelerator pedal to make sure you have done correctly.



1. Then, press down the accelerator pedal to the floor to make sure the 10 signals are lighting one after another. If not, please check up the setting procedure.
2. There comes another scenario. If you just press down half of the accelerator pedal but the monitor shows 10 signals, you also have to check up the setting procedure again.
3. If you have not pressed down the accelerator pedal at all, the monitor shows 0 LED. If not, you also have to check up the setting process.

## Instructional Functions

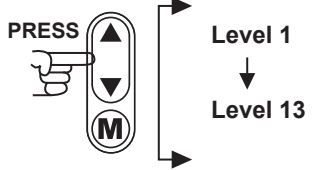


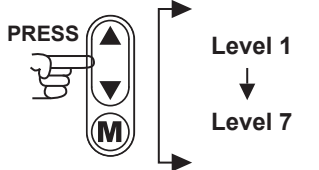

Mode options:  
SPORT ; STD ; ECO ; SP+  
Turn on the power and start the engine  
Press mode button and select one

Press  SPORT ↔ STD ↔ ECO ↔ SP+

\*Mode selection is saved automatically even if the power is off it will restore user's mode selection once the driver turns on the power.

## Mode Change & Performance Tuning

Mode changes and performance tunes between SPORT mode and STD mode and ECO mode and SP+ mode.  
Performance tuning parameters vary from mode to mode.

SP	STD
	Press 5 seconds to toggle anti-theft mode.  Battery Voltage 
ECO	SP+
	10-Second Overboost Mode 

## Troubleshooting Methodology

Please refer to the table below to identify the problem

Problems	Causes	Solutions
Turn on the power but the product does not work or display at all.	It might be caused by loosing harness, wires , connectors or poor conductivity at the power source.	Check up the wires, harness and the connectors. Make sure the power supply works.
Check engine light comes on.	It might be caused by unplugging the product's connector before turning off the power.	Use onboard diagnostic tools to diagnose the error codes and eliminate the check engine light.
The monitor displays USE.	Skip the initial setting.	Use onboard diagnostic tools to diagnose the error codes and eliminate the check engine light first. And then follow the initial setting to complete the procedure.
The monitor displays nothing.	It might happen due to the crash or a malfunction to the products. At this moment, the accelerator pedal will work in factory default as the product has a unique safety design and will not have dire consequence to the driver, for example lose control of the accelerator pedal.	Reset the products and go over all the connections and power supply thoroughly. You might have to complete the setting procedure again if necessary.

## Technical Support

If the check engine light comes on, please follow up the procedure below to erase the check engine light caused by faulty installation and faulty operation:

1. Start and stop the engine several times as usual. Then, the check engine light might be gone automatically.
2. Remove vehicle's battery power supply about 10 minutes. Next, restore the vehicle's battery power supply. The check engine light might be off.
3. Use specific diagnostic OBD2 tools to recall error codes and eliminate the check engine light.

## Signal mode settings

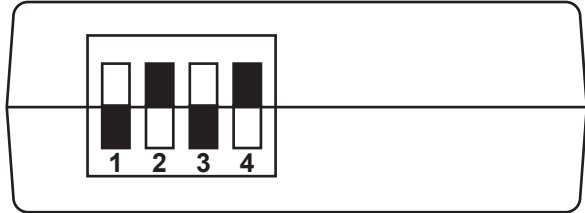
VAITRIX DIGIPEDAL COMMANDER initial setup complete.

Anti-theft, Turbo, Eco, and Sport modes are now available.

Switch to stable mode according to the settings shown

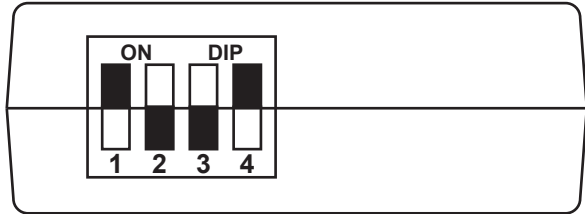
below. There is a red toggle switch on the side of the control box. The operator must switch it as shown to avoid product malfunction.

**Caution:**  
**⚠ If a fault light appears after engine start, troubleshoot and resolve the issue first. Do not modify the original settings during reinstallation.**

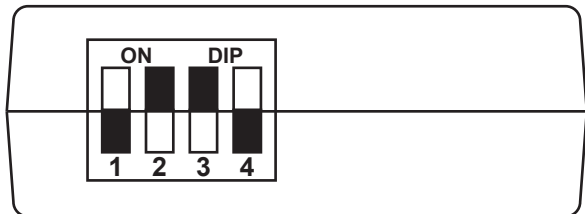


Type 0: Default setting is 1 down / 2 up / 3 down / 4 up.

**⚠ 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.

## Returns and Exchanges

For returns or exchanges, please ensure all product parts and accessories are collected and returned to the place of purchase.

(Note: The return shipping cost is the customer's responsibility.)

**Is there a problem with the items received?**

If you receive an incorrect or different product from what was shown, we are happy to provide legal and quality service, provided the item is returned within 14 days with proof of purchase. Items not listed on the invoice will not be refunded.

## Privacy Policy

Your personal information will be used solely for processing your refund or return, in accordance with our privacy policy.





## 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

DIGIPEDAL COMMANDER 具備全新設計的邏輯電路。電路和晶片的改進不僅提高了運算效能，也讓整體架構個完整。除了創新設計外，VAITRIX Digipedal Commander的系統設定與修改更讓所有使用者感受到油門反應提升，同時能符合使用者的駕駛習慣與各種環境的性能表現。VAITRIX為滿足顧客需與市場需求，設計無與倫比的完美產品，此魔術盒可改善油門遲滯並提升油門反應，讓您感受到駕馭的自由樂趣。

## 內容物列表

標配:

- 多功能顯示器 X1.....
- 控制盒 X1.....
- 雙面膠 X2.....
- 使用手冊 X1.....
- 油門專車專用線組 X1 .....

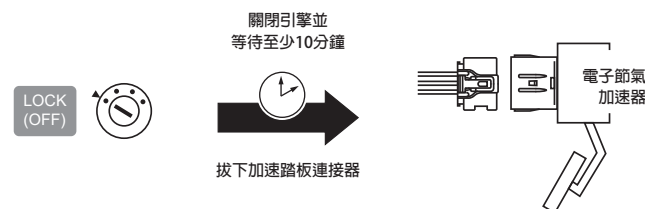
## 產品特點

- SPORT+模式：  
持續10秒倒數計時超增壓模式，按▲鍵5秒重新啟動
- ECO模式：適合市區/巡航駕駛，減少燃油消耗，降低車輛損耗
- SPORT模式：  
適合山道/街道/賽道行駛，依個人駕駛習慣切換
- STD模式：具訊號防護裝置，系統損壞回復原車設定狀態，另該模式下提供車輛電壓顯示功能
- 4種模式22段：  
SP+模式1段、SPORT模式13段、ECO模式7段、STD模式1段
- 原廠OEM插頭易於安裝
- 操作簡便，各段數可獨立切換
- 提升油門靈敏度反應及改善油門遲滯
- 適合汽油、柴油、天然氣和油電混和車款
- 不影響原廠定速系統
- 適用所有電子油門車款
- 防盜模式於STD模式下按▲鍵5秒啟動設定
- 內建記憶體用於電源異常和系統損壞
- 永久記憶模式(僅首次安裝需進行設定)

## 智慧鑰匙車輛安裝電子油門控制器須知

- ⚠ 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。



## 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。

## 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。

- Ⓐ 油門踏板線組
- Ⓑ 顯示器
- Ⓒ 連接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。

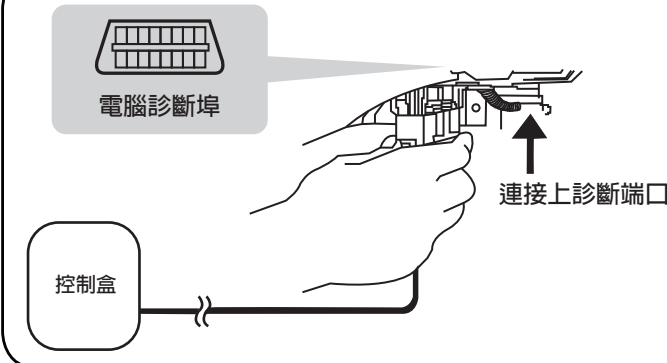
- ⚠ 電子節氣門  
至少關閉引擎10分鐘  
然後拔下

- ⚠ 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

## 電源連接有三種方式

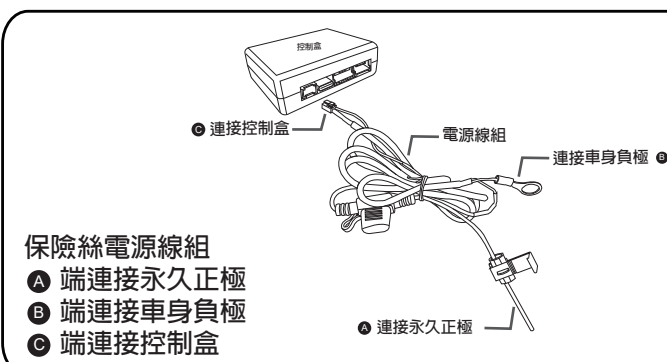
### ●連接方式 1

關閉點火開關並將OBDII連接器插入汽車電腦診斷連接埠。



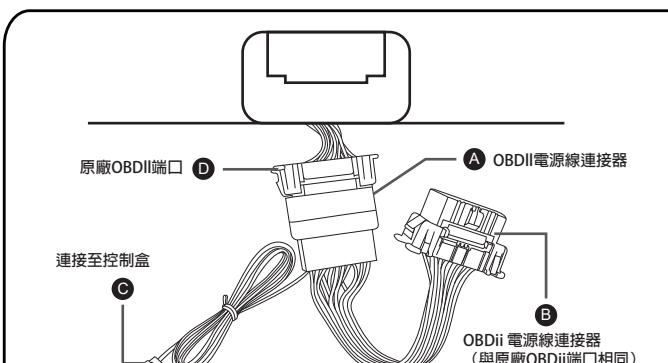
- ⚠ DGT 與 DGP 的 OBDII 線束不可共用，否則可能導致控制異常或損壞設備。

### ●連接方式 2



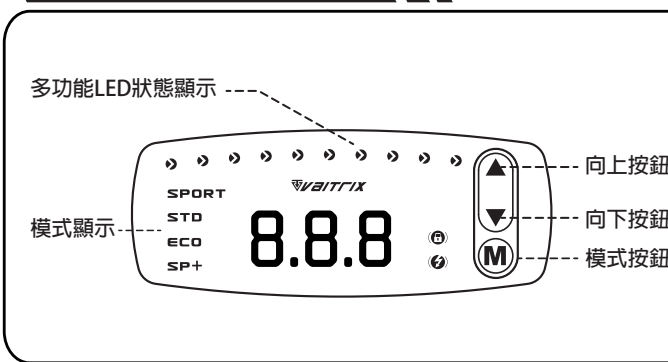
- ⚠ DGT 與 DGP 的 OBDII 線束不可共用，否則可能導致控制異常或損壞設備。

### ●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。

## 顯示器圖示說明



快速入門指南與設定步驟

VAITRIX DIGIPEDAL COMMANDER 初始設定僅能在STND模式下設定

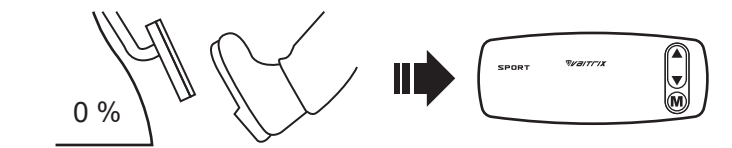
⚠ 請先確認控制盒紅色開關訊號模式為類型0(原始設定)。

- 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。

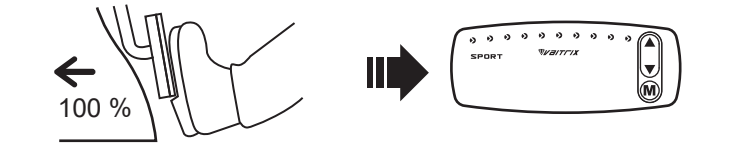
操作說明	多功能顯示器
在不啟動引擎的情況下打開電源。 初始設定僅能在STD模式下執行。 繼續設定前，請確保顯示器於STD模式	
按住模式按鈕，顯示器上的10個LED燈將依序點亮。 然後，10個燈將關閉，此時放開模式按鈕後，顯示器將閃爍L0.2 - L2.0電壓	L 0.2 -   2.0
此時不要踩踏油門踏板 並按一下模式按鈕，接續下一步	Press
顯示器將閃爍數字H 接下來，踩下油門踏板到底，顯示器上的數字將介於H2.6 - H4.8之間	H 2.6 - H 4.8
進行設定時， ⚠ 請確實踩到底【KICK DOWN】 以免影響後續的設定數據。	
最後，再按一下模式按鍵 完成初始設定後，放開模式按鈕， 顯示器上將顯示虛線符號“-”  如果初始設定過程出錯，將一次又一次回到L0.2-L2.0閃爍的階段， 直到初始設定完成	
按SET按鈕	
⚠ 全新產品鎖定在STD模式，並顯示USE於顯示器上使用過的產品，顯示器將不再顯示USE	

設定確認

完成上述設定程序後，請在駕駛前重新確認！



請於「運動模式」並不踩油門踏板



- 1.然後按下油門踏板到底，確認10個狀態LED依序點亮  
如果沒有，請檢查設定步驟是否有錯誤
- 2.另一種情況。如果您只是踩下加速踏板的一半，  
但顯示器上顯示10個訊號，則還需要再次檢查設定步驟
- 3.如果您沒有踩下加速踏板，顯示器將顯示0個LED  
如果沒有，您必須檢查設定過程

功能

模式選項：  
運動 原廠 節能 超加速

打開電源並啟動發動機，按下模式按鈕



\*即使電源關閉，也可自動儲存模式與段數，一旦開啟電源，它將恢復用戶的模式選擇

模式切換和效能調整

SPORT模式與STD模式以及ECO模式與SP +模式之間的  
切換和效能調整。性能調整段數因模式而異

SP	STD
ECO	SP+

故障排除

請參考下表

問題	原因	解決方案
打開電源，但產品不工作或顯示	這可能是電源線束鬆開，電線，連接器或導電性差導致的	檢查電線，線束和連接器。確保電源運作
檢查引擎燈亮起	可能在關閉電源之前拔除產品的連接器	使用車載診斷工具來診斷錯誤代碼並消除引擎故障燈
顯示器顯示USE	跳過初始設定	使用車載診斷工具來診斷錯誤代碼，並消除引擎故障燈。然後按照初始設定完成該過程
顯示器不顯示任何內容	可能產品的損壞或故障而發生。此時，油門踏板將在原廠訊號狀態下工作，因為產品具有獨特的安全設計，對駕駛員不會產生嚴重的後果，例如失去對油門踏板的控制	重新連接產品，徹底清潔所有連接器和電源接點。如果需要，您可能需要再次完成初始設置

技術支援

如果引擎故障燈亮起，請依照下列步驟排除安裝故障和錯誤操作所引起的引擎故障燈：

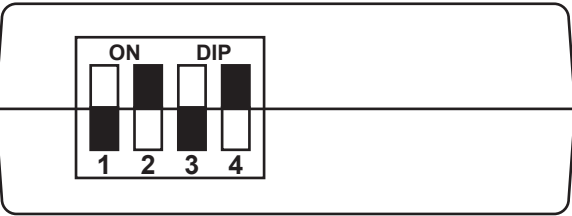
- 1.照常啟動和關閉引擎幾次。引擎故障燈可能會自動消失。
- 2.拆下車輛的電池電源約10分鐘。然後恢復車輛的電池電源。引擎故障燈可能會自動關閉。
- 3.使用OBDII診斷工具來偵測錯誤碼並消除引擎故障燈。

訊號模式設定

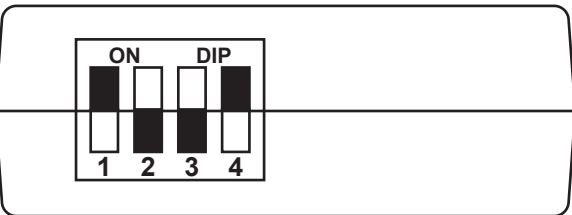
VAITRIX DIGIPEDAL COMMANDER可透過電子零件調整來控制電子加速踏板動態訊號的穩定性。

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。

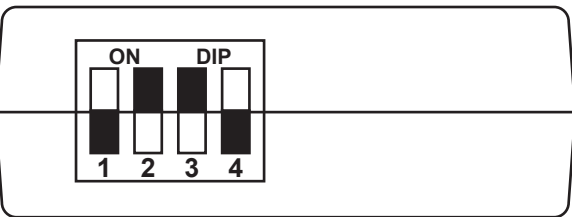
⚠ 注意：若引擎發動後出現故障燈號，請先排除故障。  
安裝回車輛時，請勿重新設定原有參數。



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2.5，1上 / 2下 / 3下 / 4上。



類型2：設定時H高於2.5，1下 / 2上 / 3上 / 4下。

退貨與換貨

產品如維修保證時，請將產品本體和配件收集齊全，送回至購買處。  
(請注意，退貨的運費應由客戶支付)

收到的東西有問題嗎？

如果收到錯誤、不正確或不同於展示的產品，我們將樂意提供合法和優質的服務，條件是在收到貨的14天內退回並提供商品購買證明。

如在退回商品的發票上沒列出的項目，則不予退費。

隱私權政策

您的個人資料將根據我們的隱私權政策，僅用於處理您的退款或退貨。