

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 (DGP) 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:

DGP Display.....	
Control box x1.....	
Double-sided tape x2.....	
User manual x1.....	
OBDII Power Cable x1.....	
specific throttle harness x1.....	

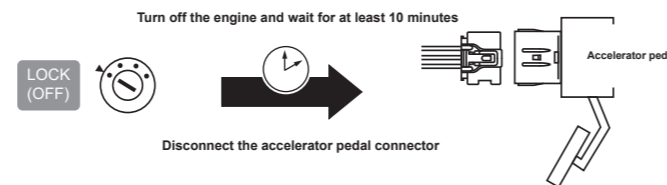
PRODUCT FEATURES

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. Compatible with gasoline, diesel, natural gas, electric, and hybrid vehicles
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.

⚠ Turn off the engine for at least 10 minutes before disconnecting the accelerator pedal.

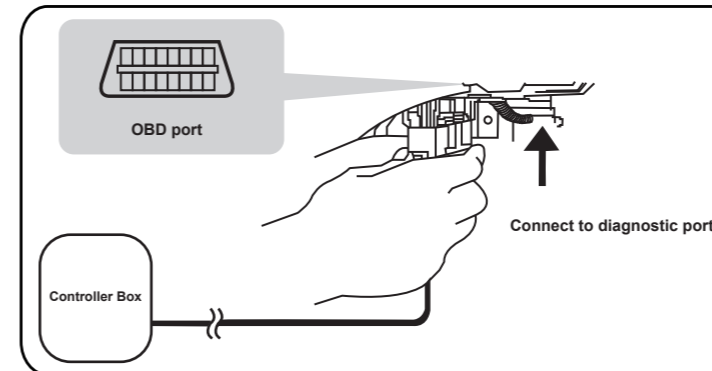
⚠ Note:
This transparent 1-pin connector should only be connected when the control box is marked with a 5V label on the top.

ACCELERATOR PEDAL

There are three ways to connect the power supply

● Connection Method 1

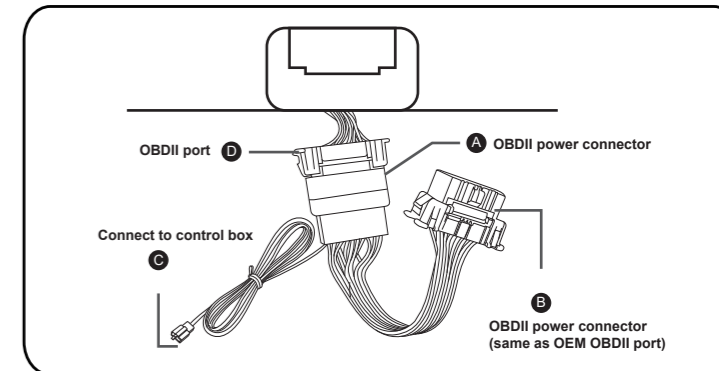
Turn off the ignition and plug the OBDII connector into the vehicle's diagnostic port.



⚠ 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

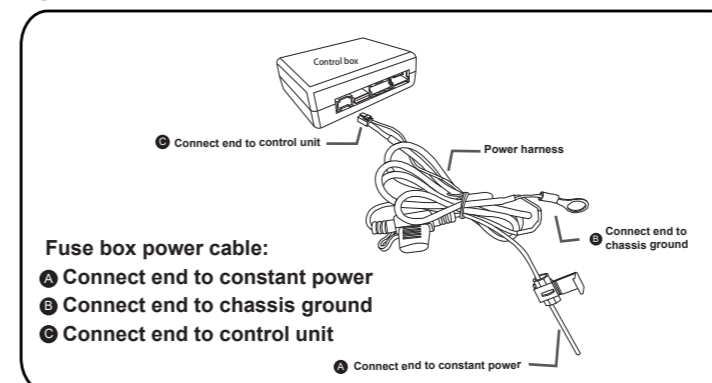
● Connection Method 3

OBDII control box splitter cable



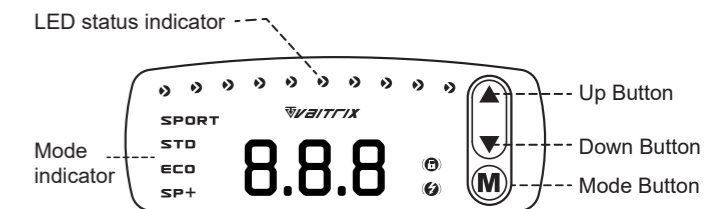
⚠ WARNING:
Do not use the OBDII harness for DGT on DGP units or vice versa. Incorrect usage may result in control malfunction or permanent device damage

● 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

Illustrated Outline



Throttle Controller Setup Steps

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

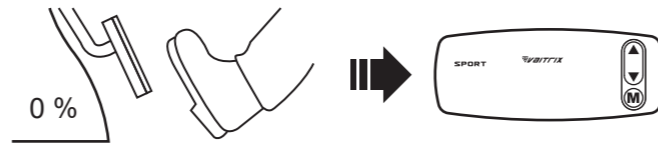
⚠ Please first ensure that the red switch on the control box is set to Signal Type 0 (default setting).

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.

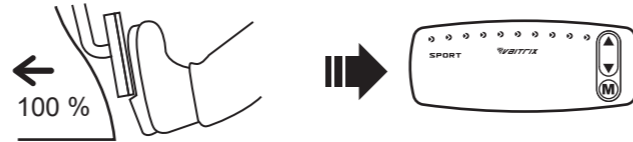
Operating Instructions	Multi-Function Monitor
<p>Turn on the power without starting the engine. The initial setup can only be performed in STD mode. Before proceeding, ensure the display is set to STD mode. If "USE" appears on the display, it indicates the initial setup mode.</p>	
<p>Press and hold the mode button. The 10 LEDs on the display will light up sequentially. After all LEDs turn off, release the mode button. The display will then flash voltage levels from L0.2 to L2.0.</p>	<p>L 0.2 - L 2.0</p>
<p>Do not step on the accelerator pedal at this moment. Instead, press the mode button just once to go to next.</p>	<p>Release</p>
<p>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.</p>	<p>⚠ Please memorize the MAX value before adjusting the settings. Start the vehicle after completing all settings. If the engine light is on, please adjust the signal mode (jump PIN).</p> <p>H 2.6 - H 4.8</p>
<p>When performing the setup, make sure to fully depress the accelerator (KICK DOWN) to avoid affecting subsequent setting values.</p>	
<p>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.</p>	
<p>⚠ Notice: 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.</p>	

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.

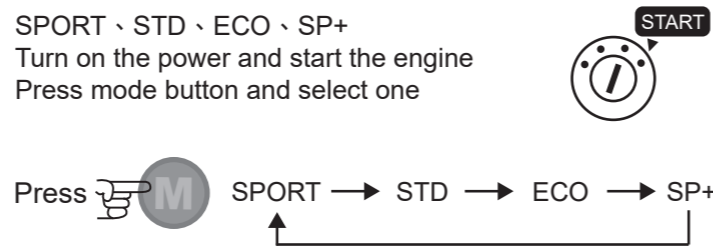


1. Fully press the accelerator pedal and check if all 10 LEDs light up. If not, check the setup or refer to troubleshooting.
2. There comes another scenario. If you just press down half of the accelerator pedal but the monitor shows 10 LEDs, you also have to check up the setting procedure again.
3. When the accelerator is not pressed, no LEDs should be lit. If any LED is on, restart the power and repeat the setup.

Instructional Functions

Mode options:

SPORT · STD · ECO · SP+
Turn on the power and start the engine
Press mode button and select one



*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.

SPORT	STD
<p>PRESS</p> <p>Level 1 ↓ Level 13</p>	<p>Press 5 seconds to toggle anti-theft mode.</p> <p>Battery Voltage</p>
ECO	SP+
<p>PRESS</p> <p>Level 1 ↓ Level 7</p>	<p>10-Second Overboost Mode</p>

Troubleshooting

Q: What should I do if the engine warning light turns on during setup?

A: Please follow the steps below:

1. Clear the fault codes (turn off the engine warning light)
2. Perform the PIN setup procedure again
3. If the warning light does not reappear after setup, the process is complete

A: If the warning light remains on:

1. Restore the system to stock, clear the fault codes, and contact your dealer

Q: What should I do if there is no response or display after power on?

A: Check the wiring, cables, and connectors, and ensure the power supply is stable. If the issue persists, reconnect or try a different power source.

Q: What should I do if the engine warning light turns on?

A: This may be caused by disconnecting the connector without turning off the power. Use a diagnostic tool to clear the fault codes, then operate again.

Q: What should I do if the display shows no output?

A: This may be due to a product fault or poor connection.

The system will remain in the factory throttle signal state and will not affect driving. Reconnect and clean the connectors, and perform the initial setup again if necessary.

Q: What should I do if the LEDs do not light up properly when pressing the accelerator after setup?

A: Check the wiring and connectors, and repeat the setup process.

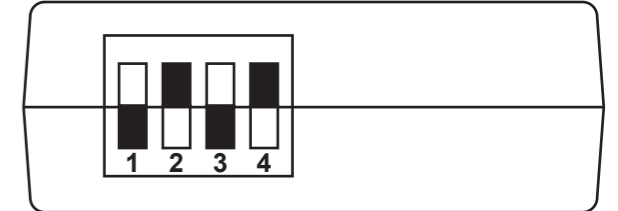
Signal mode settings

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.

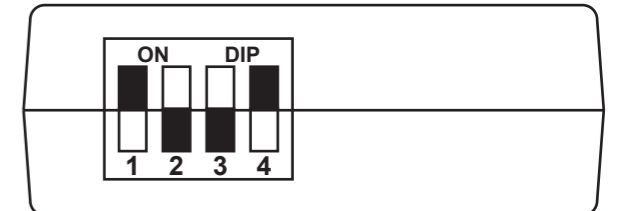
Caution:

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

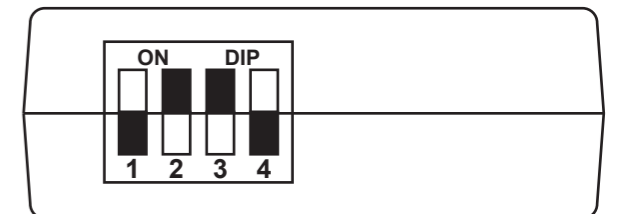


Type 0: Default setting is 1 down / 2 up / 3 down / 4 up.

⚠ 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.

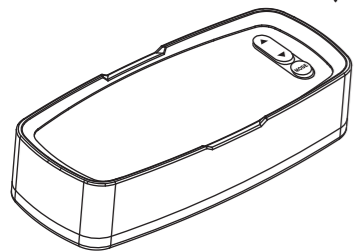
Privacy Policy

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

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.



DGP電子油門加速器 - 使用手冊

- ⚠ 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的時鐘和音響組件）可能會遺失其記憶體資料。因此，在產品安裝完成後，請對室內設備依使用手冊進行重設。
- ⚠ 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。

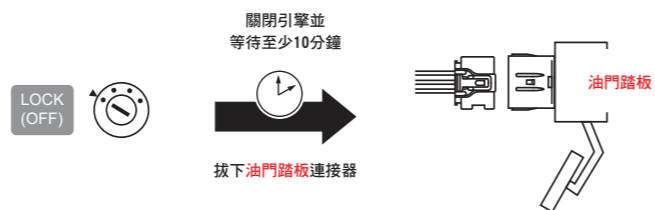
產品特點

- 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
- ECO模式：適合市區/巡航駕駛，減少燃油消耗，降低車輛損耗
- SPORT+ (SP+) 模式：持續10秒倒數計時超增壓模式，按▲鍵5秒重新啟動
- 4種模式共22段：SPORT模式13段、STD模式1段、ECO模式7段、SP+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、電車和油電混合車款
- 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加速器須知

- ⚠ 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，在安裝電子油門加速器前，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油門踏板訊號。
- ⚠ 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。

商品介紹

DIGIPEDAL COMMANDER (DGP)

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，也讓整體架構更完整。除了創新設計外，VAITRIX DGP 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，讓您感受到駕駛的自由樂趣。

內容物列表

- 標配：
- DGP顯示器 X1
 - 控制盒 X1
 - 雙面膠 X2
 - 使用手冊 X1
 - OBDII電源線 X1
 - 油門專車專用線組 X1

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。

- ⚠ 油門踏板至少關閉引擎10分鐘然後拔下

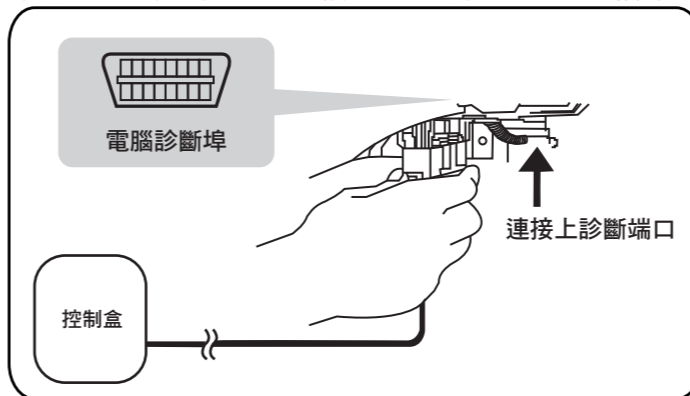
- ⚠ 當控制盒上方貼有5伏特標示時才需要對接此透明1PIN接頭

油門踏板

三種電源連接方式

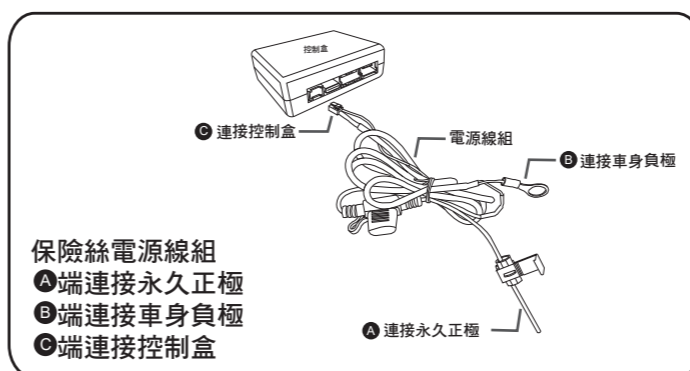
● 連接方式 1

關閉點火開關並將**OBDII連接器**插入汽車電腦診斷連接埠。



- ⚠ 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。

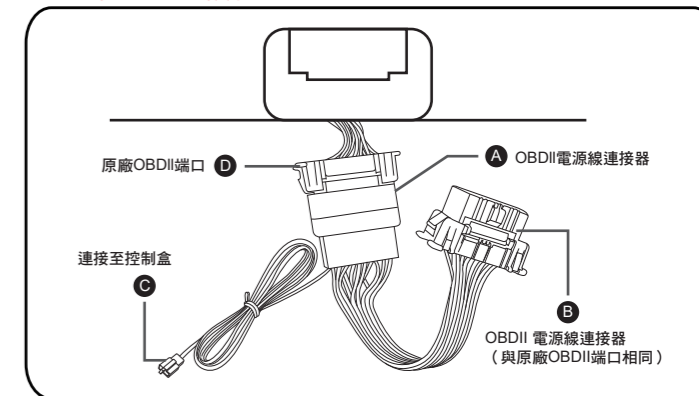
● 連接方式 2



- ⚠ 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。

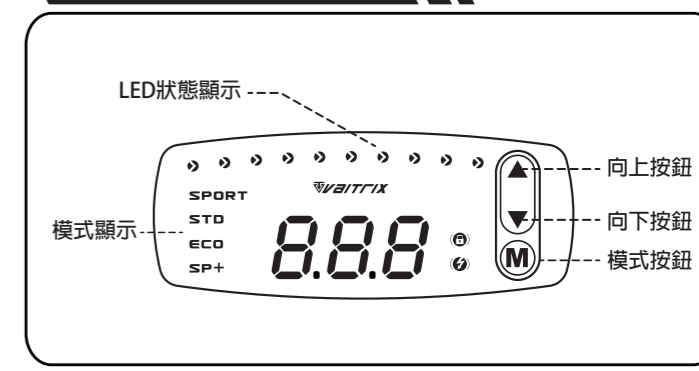
● 連接方式 3

OBDII控制盒分接線



- ⚠ 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。

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

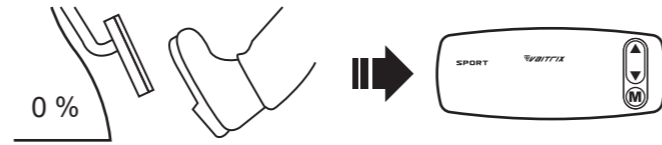
⚠️ 請先確認控制盒紅色開關訊號模式為類型0(原始設定)。

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，但不啟動引擎。

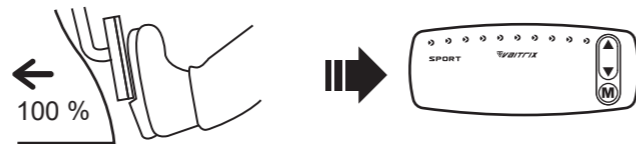
操作說明	多功能顯示器
在不啟動引擎的情況下打開電源。 初始設定僅能在STD模式下執行。 繼續設定前，請確保顯示器於STD模式 顯示USE字樣為初始設定	
按住模式按鈕，顯示器上的10個LED燈 將依序點亮。 然後，10個燈將關閉，此時放開模式按 鈕後，顯示器將閃爍L0.2 - L2.0電壓	L 0.2 - L 2.0
此時不要踩油門踏板 並按一下模式按鈕，接續下一步	Release
顯示器將閃爍數字H 接下來，踩下油門踏板到底，顯示器上 的數字將介於H2.6 - H4.8之間	⚠️ 調整設定前，請先記住MAX值 完成所有設定後再發動車輛， 若有亮引擎燈請調整訊號模式(跳PIN)
進行設定時， ⚠️ 請確實踩到底【KICK DOWN】 以免影響後續的設定數據。	H 2.6 - H 4.8
最後，再按一下模式按鈕 完成初始設定後， 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 M 按鈕	
⚠️ 全新產品鎖定在STD模式，並顯示USE於顯示器上 使用過的产品，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「SPORT模式」並不踩油門踏板



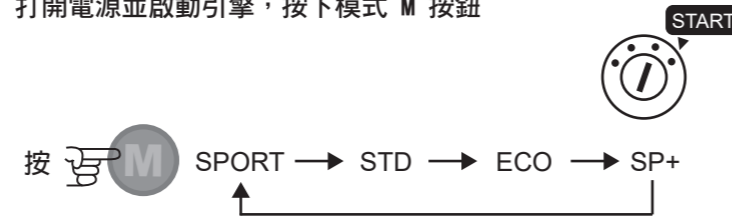
1. 然後踩下油門踏板到底，確認10個LED燈依序點亮
如果沒有，請檢查設定步驟是否有誤，如有誤請參照故障排除
2. 另一種情況。如果您只是踩下加速踏板的一半，
但顯示器上顯示10個LED燈，則還需要再次檢查設定步驟
3. 當您沒有踩下油門踏板，顯示器將顯示0個LED燈
如有亮LED燈表示設定有誤，請將重新開啟電源並重新設定

功能

模式選項：

SPORT(運動)、STD(原廠)、ECO(節能)、SP+(超加速)

打開電源並啟動引擎，按下模式 M 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

SPORT	STD
按 1段 ↓ 2段 ⋮ 最高13段	按5秒開/關防盜模式 電池電壓
ECO	SP+
按 1段 ↓ 2段 ⋮ 最高7段	10秒超增壓模式

問題排解

Q：設定過程中亮起引擎故障燈，該如何處理？

A：請依照以下步驟處理：

1. 先清除故障碼（消除引擎燈）
2. 重新進行跳 PIN 設定動作
3. 若設定完成後未再亮燈，即表示設定成功

A：若仍持續亮燈：

1. 請恢復原廠清除故障碼後，聯繫購買商家

Q：開機無反應或無顯示，如何處理？

A：請確認線束、電線與接頭正常，並檢查電源是否穩定。
若仍無法運作，請重新插拔或更換電源測試。

Q：引擎燈亮起如何處理？

A：可能未關閉電源即拔除接頭所致。
請使用診斷工具清除故障碼後，重新操作。

Q：顯示器無顯示，如何處理？

A：可能為產品故障或接觸不良，
系統會維持原廠油門訊號不影響行駛。
請重新連接並清潔接頭，必要時重新進行初始設定。

Q：設定完成後踩油門時 LED 未正常亮起，如何處理？

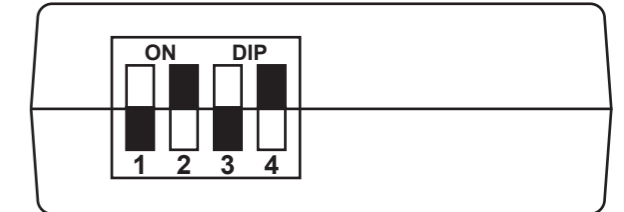
A：請確認線束與接頭連接正常，並重新進行設定流程。

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。

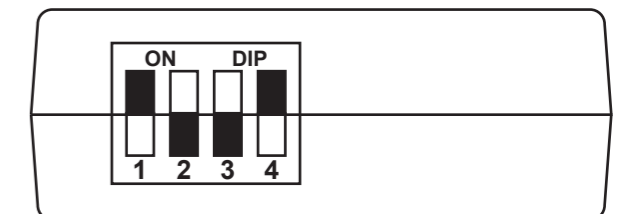
依照下圖設定切換改變以穩定模式。在控制盒側邊上
有一個紅色切換開關，操作者必須如下所示切換，以
免產品故障。

⚠️ 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。

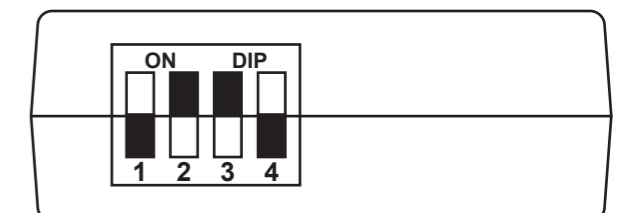


類型0：預設設定為1下/2上/3下/4上。

⚠️ 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，退貨的運費應由顧客支付)

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

您的個人資訊將根據我們的隱私權政策，僅用於處理您的
退款或退貨。

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OBD II診斷工具來偵測錯誤碼並消除引擎故障燈。