

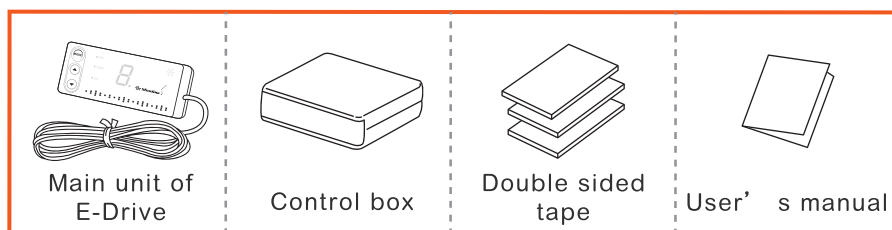
# E-DRIVE ADVANCE 4S ELECTRONIC THROTTLE CONTROLLER

Ver.0.0.1

SW10129

## ► CONTENTS

Only for reference, it might be different from real parts.



● Please attach the user's manual to the product when transferring to others.

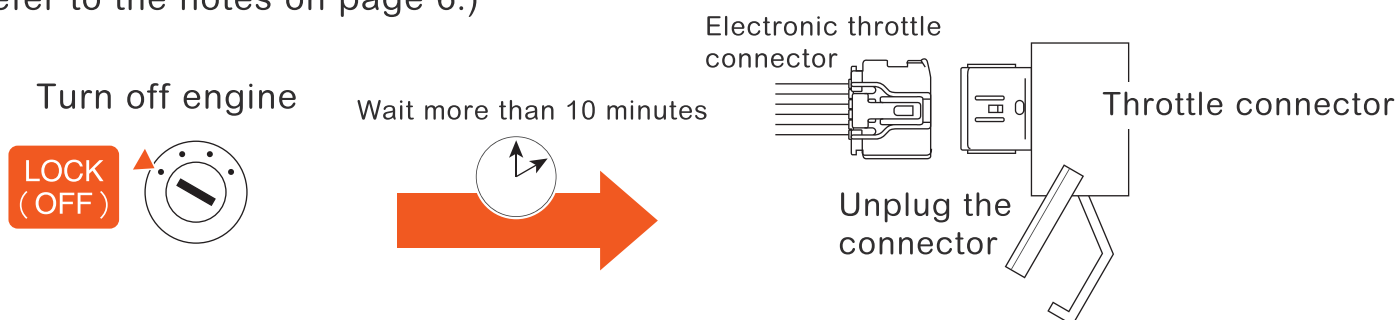
## ► FEATURES

- Anti-Skid Mode – Allows smooth takeoff even on low-traction surfaces.
- Drag Racing Mode – Instantly transforms your car's performance.
- Anti-Theft Mode – No matter how the thief presses the gas pedal, the car won't move.
- Uses DAC digital signal output – Provides processing speed of 1000 times per second.
- Built-in triple high-speed processors – Greatly improves signal clarity and stability.
- 9-Level Power Mode – Suitable for mountain roads and racing, with ultra-responsive throttle.
- 7-Level Eco Mode – Designed for city driving, effectively reducing fuel consumption.

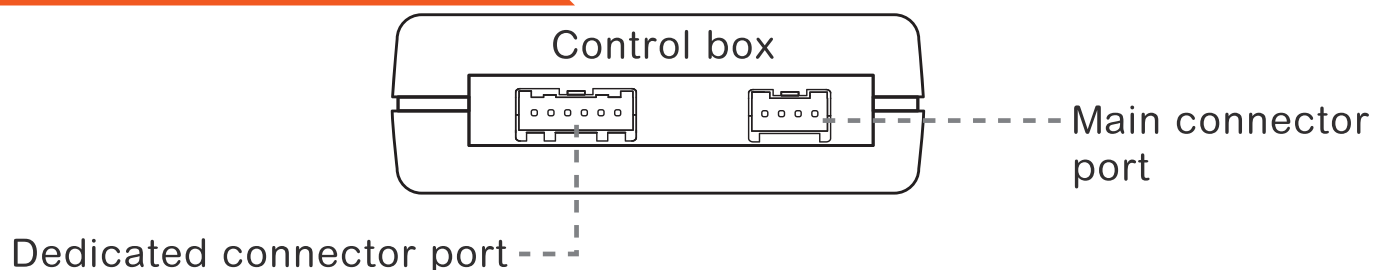
## ► INSTALLATION INSTRUCTION

### Preparation Before Installation

After turning off the ignition for more than 10 minutes, please strictly follow the steps above to install. Otherwise, it may trigger a check engine light. (Please refer to the notes on page 6.)

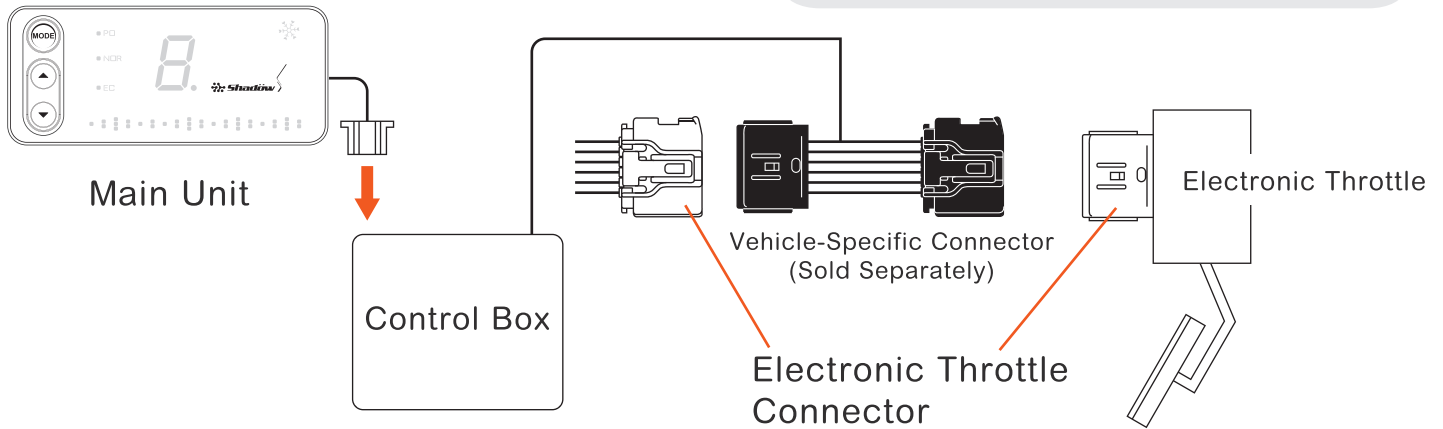


### Connector Position Diagram



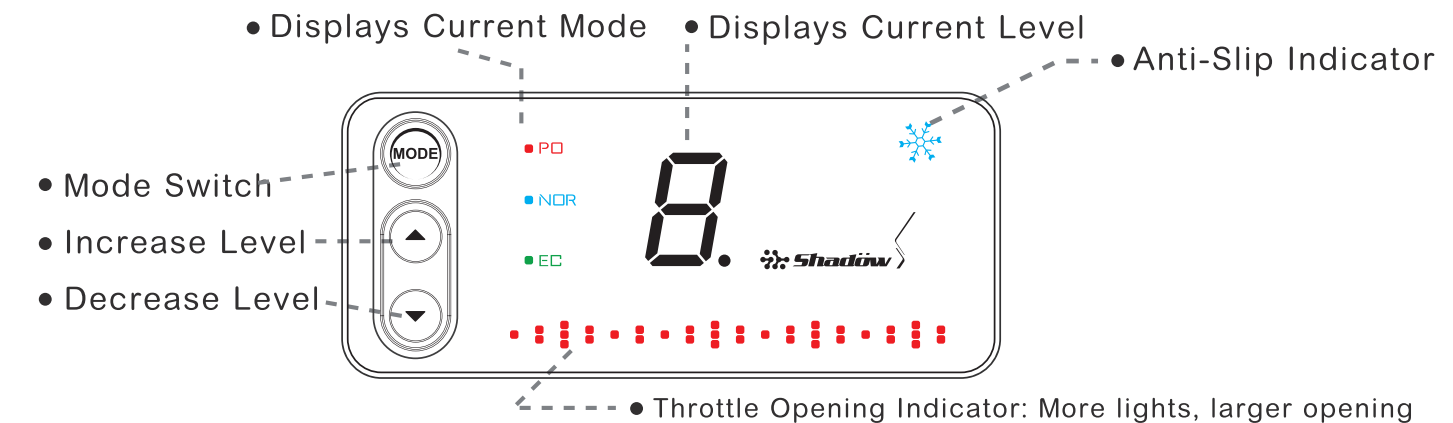
## Basic Wiring

**⚠** Disconnect only after turning off the ignition for over 10 minutes.



Note: Please ensure the product and wiring are securely fixed. Loose connections while driving may cause serious danger.

## E-Drive Main Unit Overview









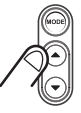
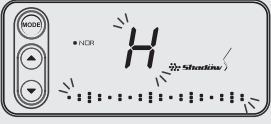



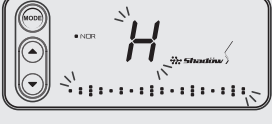
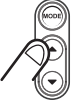
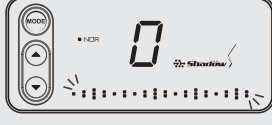
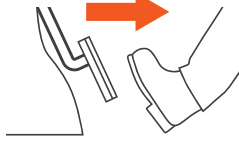
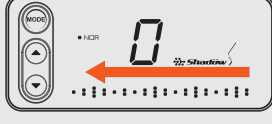
- E-Drive and ECU share the same power source.  
After switching off the engine, the power will be cut within 10 seconds to 5 minutes.

## Learning Setup (Throttle Opening Calibration)

Must be completed before use. Only needs to be done once.

1. Double-check all wiring and connectors are secure.
2. Turn ignition ON (engine off), shift to P or N.

Steps	Display
① Turn on ignition (engine off) 	 Must be in Nor mode to enter setup
② Press and hold MODE until display shows 0 	 After 0, countdown starts
③ Release MODE after 0 shows to enter setup 	 L flashes, two bar indicators blink.
④ Fully release throttle (throttle at 0%) 	 L flashes, two bar indicators blink.
⑤ Press any button to continue 	 H flashes, bars full and flashing

Steps	Display
⑥ Fully press the throttle (100%) 	 H flashes, all bars flash
⑦ While holding throttle, press any button to continue  Press	 Bars fill completely
⑧ Release throttle 	 Bars return to blank
<b>Setup Complete!</b> If installed on a different vehicle, please re-do the learning process.	

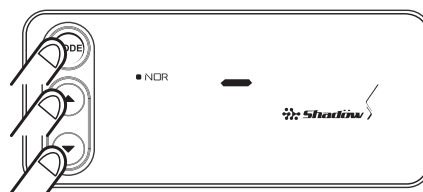
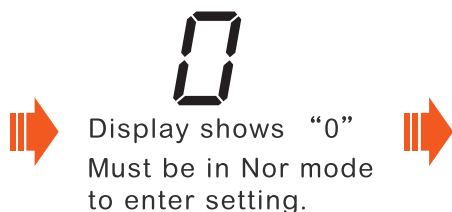
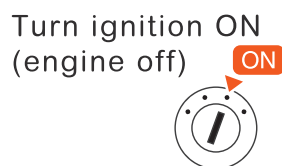
If the following occurs, redo learning.

Press MODE to switch modes or levels.  
The display will show:



## Reset

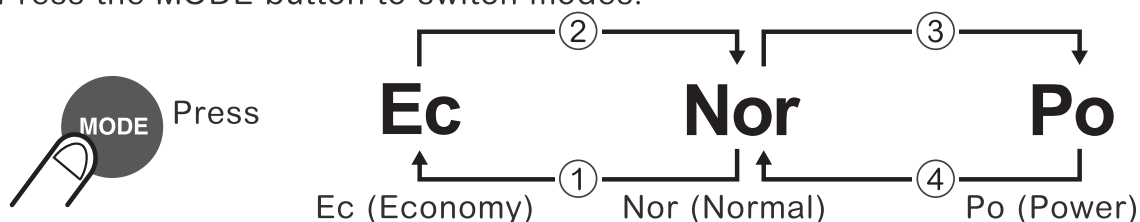
- When installing the unit on another vehicle, perform the reset on the original vehicle first.
- This prevents the check engine light from turning on after reinstallation.



1. Press and hold MODE, and during the countdown, press and hold both the Up and Down buttons. Hold for 2 seconds until "--" appears, indicating the reset is complete.
2. During reset, MODE cannot switch modes and "0" will flash on the display.

## Mode Switching

Press the MODE button to switch modes.



※Modes cycle in the following order each time MODE is pressed

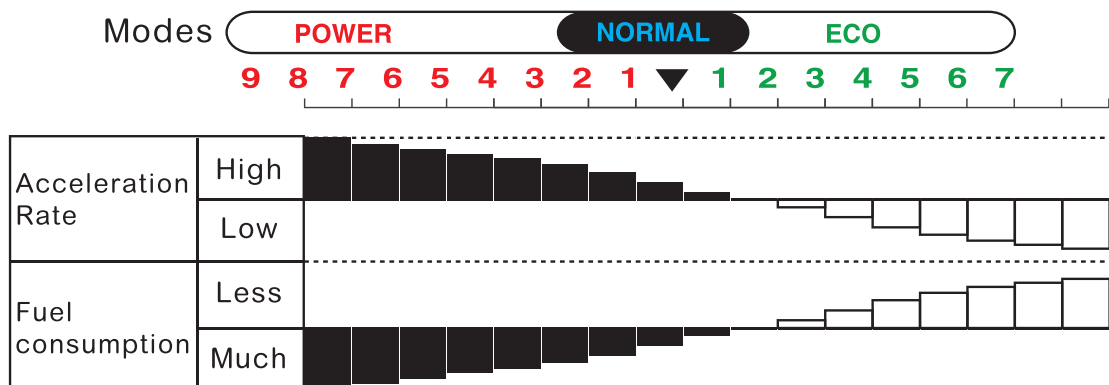
## Level Adjustment

Level switching is available in Ec and Po modes only.



▲ Up	Po 1 → Po 2 ... Po 9
	Ec 1 → Ec 2 ... Ec 7
▼ Down	Po 9 → Po 8 ... Po 1
	Ec 7 → Ec 6 ... Ec 1

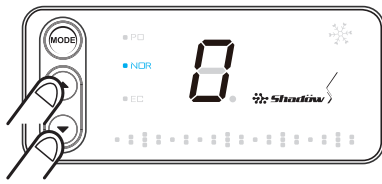
## Acceleration & Throttle Response by Level



In POWER mode, throttle response is highly sensitive. Inform other drivers before switching or when reversing, and adjust pedal operation for safety.

## Anti-Slip Function Setting

### Activate Anti-Slip Mode:



1. In any mode and level, press ▲ and ▼ simultaneously.

2. When the top-right indicator lights up and the number flashes, the mode is activated.

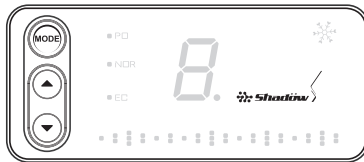
### Deactivate Anti-Slip Mode:



Press any button to deactivate.

## Anti-Theft Function Setting

### Activate Anti-Theft Mode:



1. In ECO mode, press and hold MODE for 2 seconds.

2. When all panel lights turn off, Anti-Theft Mode is active. The vehicle will not respond to throttle input even if the engine starts.

### Deactivate Anti-Theft Mode:



With the engine running, press the Anti-Theft button for 2 seconds until the previous mode is displayed. The mode is now off.

## Drag racing Mode Setting

### Activate Drag racing Mode:



1. In Power mode, press and hold MODE for 2 seconds.

2. When the Po indicator and the number display flash simultaneously, Launch Control is active.

### Deactivate Drag racing Mode:



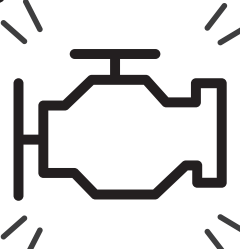
Press any button to deactivate Launch Control.



Throttle response is highly sensitive in Drag racing Mode. Drive with caution and do not shift into R (reverse) while in this mode.

## Troubleshooting

When you think the machine is faulty, please confirm the following items before sending it for repair:

Problems	WHY	Confirm items
No display after ignition ON.	Vehicle-specific connector not properly connected.	Check all connectors and terminals for secure fit.
Check engine light turns on. 	Connector removed before ignition fully OFF.	Please refer to the check engine light reset procedure to turn off the light. (See notes below)
	Throttle learning not performed after installation.	Please follow the learning procedure to set the throttle opening, then perform the check engine light reset procedure to turn off the light. (See notes below)
Pressing MODE shows flashing 0 and stays in Nor mode.	Throttle learning not completed properly.	Redo throttle learning procedure.

### NOTE

#### How to Clear Check Engine Light

- 1.Start and stop the engine several times; the light will turn off automatically.
- 2.Disconnect the battery negative terminal for 10 minutes, then reconnect.
- 3.If the above methods fail, use a diagnostic tool to check and clear the code.

When the product needs to be repaired, please collect the product body and accessories and return them to the original place of purchase.



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