



SW'10'101-10 I-BOOST



SW'10'102-10 D-MONSTER

INSTRUCTION MANUAL

ver. 1.1.1

Welcome

Thanks for purchasing Shadow i-Boost/D-Monster System. Please read operation manual carefully and completely before installation. Shadow website is <http://www.shadowmotor.com.tw>. We highly welcome you to enter Shadow website to get the news, related information and technique service for products.

Character

- Build-in CPU, to regulate the fitted setting at anytime.
- With Plug-and-Play connector, easy to install and maintain factory warranty
- To set appropriate turbo boost based on different RPM.
- Make the car be powerful and energy efficient.
- Power be more smoothly.
- Automatically adjust CPU program by detecting car condition and user's behavior.
- Four modes for selection can be easy and free to enjoy car tuning.
- Exquisite controller displays current turbo boost.

Description of Shadow i-Boost/D-Monster System

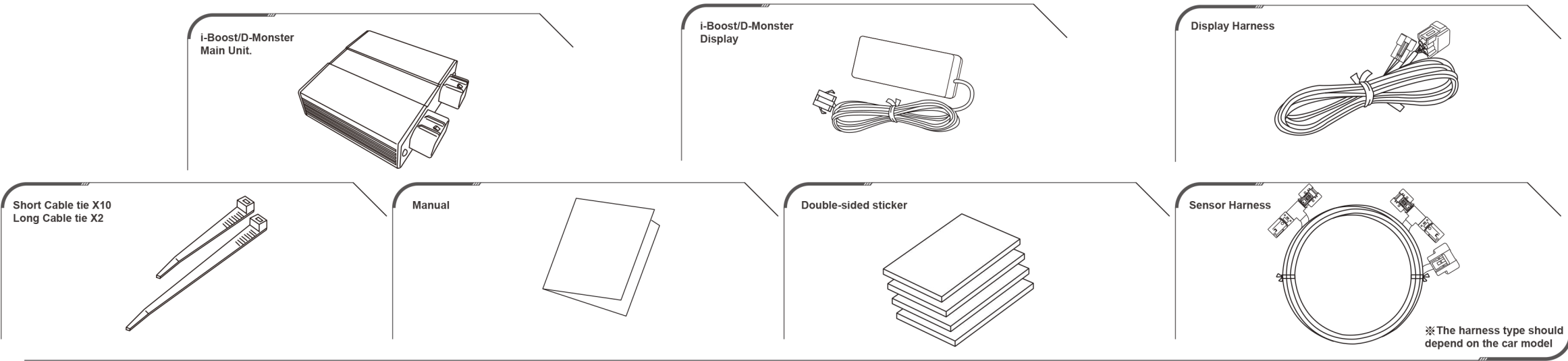
To enhance power of car which is always the trend what the young car owners want to seek and reach. After years of research and development, Shadow finally launches "I-Boost/D-Monster" (add-on ECU Chip). By installing special connector, it can widely raise power output of new generation petrol/Diesel fuel turbo. It makes power tuning be easy, safe. More importantly, it is definitely not necessary to worry about factory warranty. Users can uninstall "I-Boost/D-Monster" anytime when receiving maintenance check. Moreover, "I-Boost/D-Monster" is with 4 modes let users can free set Normal, Street, Sport, and Race mode; enjoy the tuning. Also controller displays current turbo boost for users to monitor engine condition and function.

Importance

- Please read the operation manual carefully and completely before installation. Then you can install i-Boost/D-Monster system accurately.
- The defect or unexpected result is arising from incorrect installation the warranty will be invalid, such as reversed connection of the electronic poles or damaged with abnormal usage. Any loss of personal or property due to incorrect usage is out of our liability of responsibility or compensation.
- Never work in a poor air ventilation space.
- It may cause carbon monoxide poisoned, explosion and accident.
- Before installation, please shutdown the engines for over 10 minutes. It's strictly forbidden to install the device while engine is starting.
- Make sure ECU power is off then disassemble the connector, harness to avoid the related components be malfunctioned, etc.
- Please do not scratch the coat of electric cord.
- Please make sure the electric cord won't be damaged by seal rail, car door, etc. Otherwise it may arise short circuit, poor contact, etc. to cause the blaze.
- Organize all wires after installation.
- If wire falls scattered while driving may cause danger event.
- Please don't operate or set this device while driving.
- Operation or setting will distract the driver from driving that will cause car accident easily.
- Please ensure the road safety before operating and setting .
- If any question about installation of wiring, please find the shop with professional knowledge to install this device.
- Professional knowledge is required. If unfamiliar with wiring, please consign this device to your trust technician or tuning shop to do it.
- Make sure all wires are connected well.
- If wire solder is necessary, please seal the welded joint with insulating tape and make sure there is no metal core of wire exposed.
- Do NOT disassemble the product, or modify any of the components as it will void your warranty. Please don't install this product in environment is humidity or high temperature environment.
- It will be failure running easily under these conditions.
- Please never pull and drag the product with inappropriate force to protect the device.
- Please be careful that parts which stuck by double-sided tape will be easily fell off at the beginning.
- i-Boost/D-Monster offers the accurate value and obvious efficiency on engine adjustment. If users want to install and use other tuning device with i-Boost, please do check the limit value of engine to ensure the engine condition, lifetime and car safety.

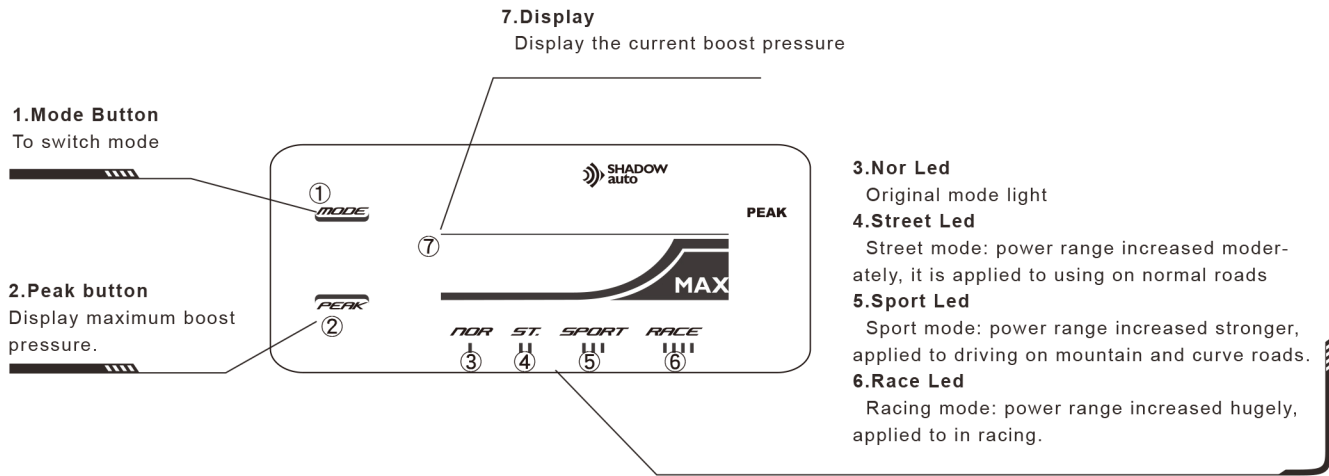
Contents

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



OPERATION INSTRUCTION

Parts Description



Mode Switch

Turn the key to ignition then start engine



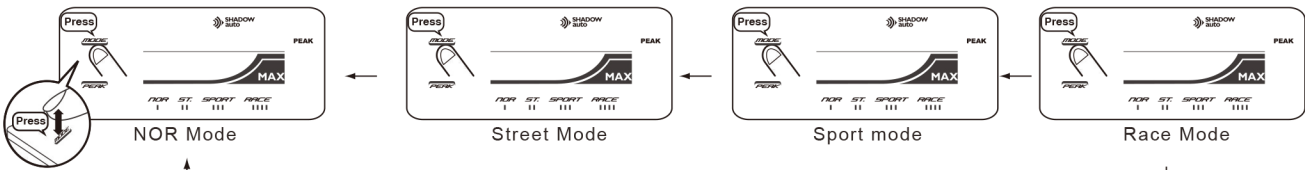
Press mode button to switch function

Nor , street , sport and race modes switching



Operation

Select Mode: Press the Mode button



To switch next mode just by pressing "MODE" button.

Troubleshooting

Please check the below situations before sending the device in for repair.

Symptoms	Cause	Trouble shooting
No action on the display, after engine started	Display installation incomplete	Check the connection of main part and display is complete and correct
Display is still on while engine off	i-Boost / D-Monster works by following original ECU	Please be assured it is normal. Display power will be off instantly after original ECU shut down
Boost pressure on i-Boost / D-Monster is different from boost gauge	Boost pressure is the value which calculated signal from original sensor. On some cars, there will be inaccuracy.	Please be assured it is normal.
Engine check lighted after installation	Dissemble the connector while ignition is not off completely.	Please refer to the "Reset check engine light"note to eliminate the check light.
	While the engine off, original ECU will check the surrounding sensors within the period of time. If to dissemble the connector before engine shutdown, the engine check will light.	Please refer to the "Reset check engine light"note to eliminate the check light.

Please collect all accessoires are well as device and send to dealer if the product requies maintenance or warranty service.

Notes:
Reset engine check light
IF the engine check light is turned on because of incorrect installation and instruction, please try the instructions as below:
1. Please turn off engine and wait for few minutes then start engine up, the light will be off.
2. If first solution is failed, please release the negative pole of battery and wait for 10 minutes then connect the pole.
3. If both two methods are failed, please use the OBDII scanner (reader) to diagnosis.

Note: ECU is sensitive on some car models, that may cause Display operate unusually, but i-Boost will still work well. If you have the intestine in more information, please refer www.shadowmotor.com.tw.

SHADOW AUTO PIGGYBACK Instruction Manual

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