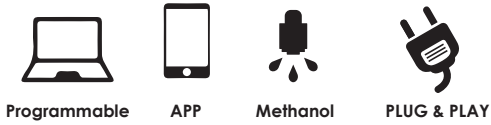




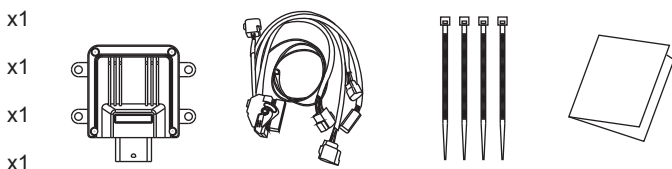
User manual



ECU BOOSTER BASIC

COMPONENTS IN THE BOX

- ECU
- UNIVERSAL HARNESS
- CABLE TIES
- INSTRUCTION MANUAL

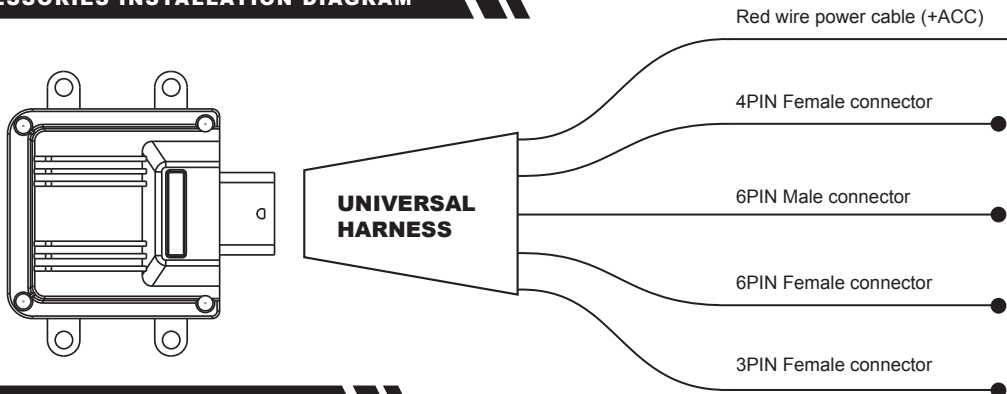


OPTIONAL ACCESSORIES

- | | |
|---|----|
| • USB CABLE (FOR COMPUTER CONNECTING) | X1 |
| • WIRING HARNESS SPECIFIC FOR DIFFERENT VEHICLE MODEL | X1 |
| • WIRING HARNESS FOR METHANOL INJECTION PUMP | X1 |
| • METHANOL BOOST GAUGE | X1 |

※ **OPTIONAL ACCESSORIES ARE NOT INCLUDED IN THE PACKAGE AND SOLD SEPARATELY**

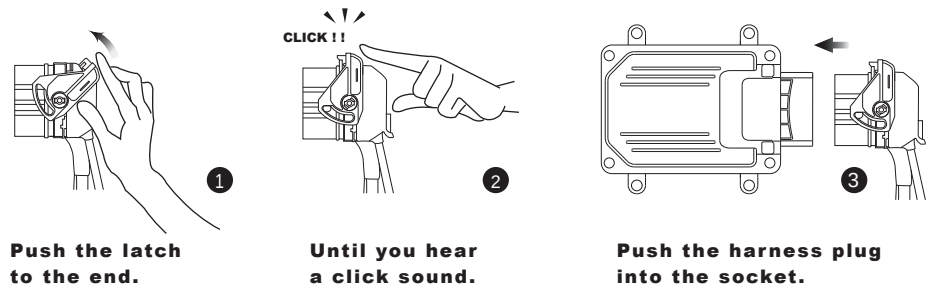
ACCESSORIES INSTALLATION DIAGRAM



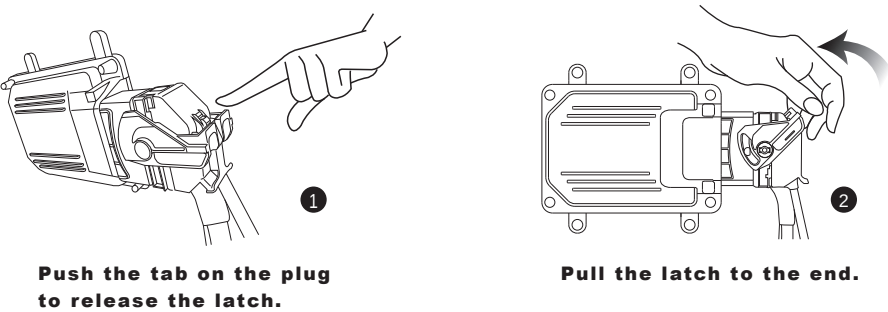
ACCESSORIES DESCRIPTION

- TUNING USB WIRE-----For connecting to AirForce System
- METH BOOST GAUGE-----Methanol injection control boost gauge
- ECU CAR SPECIFIC HARNESS-----For indicated type of cars to connect with ECU
- METH POWER WIRE-----Methanol injection power wire coordinates to Mapping functions “ Duty 1”

INSTALL THE UNIVERSAL HARNESS



DETACH THE UNIVERSAL HARNESS



- ⚠ To prevent damage to the vehicle, please use only higher than RON97 unleaded petrol or high-grade diesel fuel.
- ⚠ Make sure the internet connection is stable when manipulating Airforce system. VAITRIX is not responsible for any damages caused by incorrect data transmission.
- ⚠ To avoid incorrect data transmission and wrong operation, please use only VAITRIX OEM parts.
- ⚠ After installation, maintenance period needs to be shortened. It is suggested to maintain the car every 6 months or 5,000 km. To avoid damages to an engine and components, it is recommended to replace cold spark plugs every 10,000 km.
- ⚠ Please contact certified VAITRIX technicians or download paid data of corresponding car models while installing the product or adjusting the value.
- ⚠ Do not disturb safety equipments such as seat belt, airbag system or car devices (ex. Engine control system, wheel and brake system.) when installing the product. Disturb above devices may cause unpredictable accidents or fires.
- ⚠ In any case, VAITRIX shall not be responsible for any damage or loss to the factory components after installation of the product.
- ⚠ In any case, VAITRIX shall not be responsible for any damage caused through the use (or not available to use) of the product and even VAITRIX is informed that possible damages may occur.

SPECIFICATION

- 3 mapping tables, each with 17 x 25 data cells, include:
 - 2 sets of analog input and output (OP-1 and OP-2) with signal strength ranging from 0.00 to 5.00V.
 - 1 set of power control for methanol / water injection pump
- Can download mapping table from cloud server through AirForce ONE software.

FEATURES

- Can download mapping data from cloud server and tune the ECU in real-time to reduce fuel consumption from 2% to 15%.
- Improves performance from 3.5% to 50%.
- Non-destructive plug-and-play design; won't void the warranty.
- Can download mapping data for different vehicle model and tuning stages. Makes performance upgrades easier.
- Can switch back to vehicle factory default immediately by cutting off the power supply to VAITRIX BOOSTER.
- 16-bit high grade ECU with better stability and processing power.
- Dedicated wiring harness for different vehicle model for easy installation.
- Compatible with naturally aspiration, turbocharged gasoline, and turbocharged diesel engines.
- Independent control function for output of methanol / water injection pump. User can setup the output using GEN2 turbo gauge (optional).
- set of programmable 3-D mapping controlling output of methanol / water injection pump (or can also be used on turbo controller).

