# **USER'S GUIDE**

Thank you for purchasing PIVOT "X2"

Please read these instructions carefully before installing or using this device. Please do not lose this user's guide, as you will held liable for the cost of reissuing it.





used, even in compatible car models. 2. Cannot be used in combination with products that use another company's diagnostic monitoring connectors.

3. For details about using in combination with other PIVOT products please see our Web Site at http://pivotjp.com/information/obd\_conjunction-e.html.

# FEATURES

/!\

Smooth Action	New Controller provides needle action quick and smooth.	
2 in 1 Display	Switch between 2 types of display in the same unit. 1. Boost (Normal aspiration cars will only display minus pressure) 2. Water Temperature	
Peak Hold	Save and display peak reading after reset.	
New Design	New design allows for easy viewing of Boost and Vacuum.	
Easy- installation	It is possible to connect directly using the coupler to the diagnostic monitoring connector meaning there is no need for troublesome wiring.	
Air Pressure Correction	The altitude adjustment function makes it possible to correct for differences in the absolute pressure display and relative pressure display.	
Stepping Drive	Stepping motor drive brings you a high-performance display with no hunching or overshooting.	
Affordably Priced	Two types of display at a total cost of 18,900 yen means each type is only 9,450 yen and that translated into a great buy.	
Note From start of display until end of display		

#### 1. The first time the key is turned ON after installation, the unit must judge the type of car model being used and hence it may take up to 40 seconds for the display to come on. From the second time, the display

- will take less than 15 seconds to appear.
- 2. It may also take up to 15 seconds for the display to turn off after the key has been switched OFF.

# CONNECTING THE COUPLER

#### With the engine running, insert the OBD2 connector to the

connector on the car.





Before installation, please check the installation position on the separate sheet "Compatible Car Models List".

Double-sided Cushion Compatible Allen User's Zip Tie Wrench Tape × 2 Tape Guide Car Models List [Boost] **Displays and Uses** [Vacuum] 1. Boost (Absolute pressure display) 15 15 OOST . DOST

Meter

Coupler Cable

Adjustable Stand

- Display -100~150Kpa (Normal aspiration cars will
- only display minus pressure) Use Ocheck Boost (TURBO)
  - •For Eco-driving [Vacuum] (TURBO/NA)





### **Opening Demo**

Turning the key ON will display the opening demo one time.

### Illumination (Dial lighting)

Preparation

The illumination is always on while driving, but because it is a low energy LED this no effect on the vehicle performance or battery life.



### METER INSTALLATION

Install in an easy-to-view location.

## PART NAMES

1

2

3





\* By disconnecting the battery or the connector it is possible to erase all peak readings.



## TROUBLESHOOTING

the display will work but the values shown will not be accurate nor correct.

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X2

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Trouble	Possible Causes	Possible Solutions	
Does not work with the key ON.	Poor connection of coupler.	Check the coupler connections or conditions.	
	The unit has been installed into an incompatible car model.	Please check the list of compatible car models.	
The displayed values are different from the standard meter.	Due to the ECU information received, the displayed values on this product may differ from those of standard or other meters.		
The boost pressure display is different from the standard or other gauge.	This product's boost meter reads absolute pressure and may differ from a meter using relative pressure. (For details about the basic operations please see the section entitled "Air Pressure Correction Function")		

% If no operation is carried out

display will return to view

for 2 seconds, the boost (real

for 2 seconds

Press

2 sec

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