

# Detect the first firing sound. ✘

A quick and easy  
way to crank  
the engine!

✘ What is **the first firing sound** .....

When starting your engine with a recoil starter, you close the choke before pulling the recoil starter. This triggers an explosive ignition as the engine makes a revving sound; this is called the "first firing sound".

With some engines, it's very hard to figure out when to open the choke. If you open too late, you could douse your spark plug, and that'll make it even harder to start your engine. The PET-4200 senses the first firing sound electronically, notifying you with an LED lamp so that you can easily open the choke at the right time. It makes starting gasoline -powered engines a breeze.



orange LED :  
Signal that there is electricity  
coming from the spark plug  
**detects electrical signals**

green LED :  
Signal to open the choke  
**detects first firing sound**

FirstFire  
PET-4200



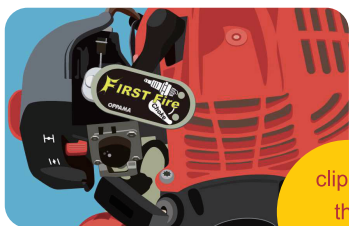
**OPPAMA**

One look is all it takes to  
takes to know when to  
return (open) the choke  
during an engine start!

This is also all you  
need to diagnose problems  
with your firing mechanisms!



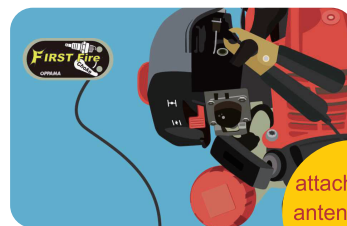
### Can be used in various ways



clip it to  
the  
plug cable



clip it to  
your finger



attach it with  
antenna wire  
(Sold separately)

### Detail of function

#### ■ Notification of choke return timing on engine start

- ① Put the PET-4200 near the spark plug cable, then start the engine.
- ② When the green LED is lit, return the choke (open position).
- ③ Future engine starts will be made very easy.



#### ■ Engine won't start? PET-4200 checks the electrical supply to the spark plug

- ① You can use a PET-4200 to diagnose your gasoline engine when it won't start.
- ② You don't even need to take off the spark plug; just put the device near the spark plug cable.
- ③ The orange LED lamp will light up if your spark plug is successfully receiving electricity.



#### ■ Specifications

Model name	PET-4200	Battery	Lithium battery 3.0V 1 piece Battery replaceable
Dimensions	40×70×30 (mm)	Optional item	Antenna lead wire 1.2m
Weight	about 30g		

#### ■ Manufacturer

 **OPPAMA INDUSTRY CO., LTD.**

14-2 Natsushima-cho, Yokosuka, Kanagawa 237-0061, Japan

Tel: +81-46-866-2139 Fax: +81-46-866-3090

URL : <https://www.oppama.co.jp>

E-mail : [info@oppama.co.jp](mailto:info@oppama.co.jp)

#### ■ Sales outlet