



**GAS POWERED**

**Personal Transportation**



## **Product Handbook**

**FOR THE BLADEZ MOBY X  
GAS POWERBOARD**

Model: PB-SE801-25  
PB-SE801-25C  
PB-SE801-26C

**PLEASE BE SAFE WHEN RIDING . . .  
ALWAYS WEAR A HELMET AND OBEY ALL LAWS!**





**IMPORTANT**



**THIS IS A 2-CYCLE ENGINE!  
IT REQUIRES A MIXTURE OF GASOLINE AND  
2-CYCLE ENGINE OIL**

1. 50:1 Gas/Oil Mixture Recommended. 2.6 oz of 2-cycle engine oil mixed with one gallon of gasoline.  
(Follow charging instructions in your Product Handbook)
2. Premium Unleaded (High-Octane) Recommended. Use only 89 octane or higher
3. Never start the engine inside a closed room or building.  
Breathing exhaust fumes can be fatal.

**USING REGULAR GASOLINE ONLY WILL  
VOID YOUR WARRANTY!**

**This PRODUCT IS NOT INTENDED FOR EXTREME or  
OFF-ROAD Use! Please take care of your POWERBOARD!**

**DO NOT JUMP or ABUSE THIS PRODUCT!**

**Failure to follow these instruction and abuse will  
VOID YOUR WARRANTY!**

If you have any questions, please contact Bladez customer service

**(866) 325-2339 x 1**

or visit us on the web at

**[www.ebladez.com](http://www.ebladez.com)**

# IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT

**READ THIS FIRST!**

## WARNING

This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this vehicle. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

DO NOT operate this product in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

BE CAFEFUL when riding this product in the rain or in wet conditions.

Recommended for users 16 YEARS OF AGE and older. CHECK with local law enforcement about laws regarding the safe and legal use of your POWERBOARD.

Ride SAFELY and OBEY ALL LAWS!

## SAFETY

- This product should not be used by pregnant people, persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities.
- Operators ONLY! – No passengers.
- This product should not be used by minors without adult supervision.
- This product should not be used by persons unwilling or unable to take responsibility for their own actions.
- The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and knee pads and appropriate footwear.
- High speed, jumps and trick manoeuvres may result in loss of control or accidents.

## **QUICK REFERENCE**

### **Fuel**



#### **WARNING!**

This is a two-stroke engine. Only run the engine on fuel, which is properly mixed with 2-cycle engine oil.

Provide good ventilation when fueling or handling fuel.

- ❑ Always use gas with a minimum octane number of 89.
- ❑ Use 2-stroke engine oil only. Mix 50:1, gas:oil mixture.
- ❑ **Never** use multi-grade (10W/30) or waste oil.
- ❑ Always mix fuel and oil in a separate clean, gas safe container. Always start by adding half the amount of fuel, which is to be used. Then add the whole amount of 2-cycle oil. Mix (shake) the fuel container. Add the remaining amount of fuel. Mix (shake) the fuel-oil thoroughly before filling the fuel tank.

### **Fueling**



#### **WARNING!**

- ❑ Always shut the engine off when refuelling.
- ❑ Slowly open the fuel tank, so that possible over-pressure disappears.
- ❑ Before fueling, clean the tank cap area carefully, to insure that no dirt falls into the tank. Make sure that the fuel is well mixed by shaking the container.
- ❑ Tighten the fuel cap carefully, after fueling.
- ❑ Always move the unit at least 10 feet from the fueling area before starting.

### **Starting**

- ❑ Set the CHOKE LEVER to the CLOSED (UP) position.
- ❑ Pull the recoil starter handle briskly, making sure to keep the handle in your grasp, and not allowing it to snap back.
- ❑ Once the engine is running, move the CHOKE LEVER to the RUN (DOWN) position.

#### **Note!**

At this stage, if the engine does not start, repeat the starting procedure.

- ❑ After starting the engine, allow the engine 2-3 minutes to warm up prior to riding.

### **Stopping**

- ❑ Gradually decrease the engine speed to an idle speed and press the stop-switch on the handlebar tube.

**If a situation arises that is not covered in the manual, proceed with caution and use good judgement.**

**DO NOT TAKE YOUR  
BLADEZ POWERBOARD BACK  
TO THE STORE!  
CONTACT US FIRST**

**IF YOU HAVE ANY QUESTIONS OR NEED  
ASSISTANCE,  
PLEASE CALL BLADEZ, TOLL FREE AT:**

**(866) EBLADEZ**

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**MONDAY thru FRIDAY, 8am to 5pm PST  
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## **BLADEZ AND AUTHORIZED TANAKA DEALERS**



**FOR ALL YOUR POWERBOARD NEEDS**

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## GETTING TO KNOW YOUR BLADEZ POWER BOARD



Before riding your MOBY X, please get acquainted with the following features:

### PowerBoard Features:

1. THROTTLE LEVER
2. BRAKE LEVER
3. FRONT WHEEL V-BRAKE
4. 2-STROKE ENGINE
5. FOLDING HANDLE
6. KICKSTAND
7. DECK
8. REAR BAND BRAKE
9. KILL SWITCH
10. T-Handle Stem

11. DRIVE CHAIN

12. MUD GUARD

### Motor Features:

13. RECOIL STARTER

14. GAS TANK

15. CHOKE LEVER

16. PRIMER BULB

17. CARBURETOR

18. MUFFLER

19. SPARK PLUG

## **PACKAGE CONTENTS**

Your Bladez MOBY comes with the following items in the box. Please locate all of the following:

1. The Bladez MOBY X Gas Power Board
2. Tanaka Spark Plug Wrench
3. Allen Wrench
4. Product Handbook

## **GETTING STARTED**



**Please read and understand these instruction and the OPERATING PROCEDURES section, prior to starting or riding your Power Board**



### **Unfolding**

1. To unfold the MOBY, begin by pressing down on the FOLDING HANDLE with one hand (Fig. 1), while gently pulling up on the handlebars with the other.
2. Fully extend the handlebars to their upright position until you feel the mechanism lock into place.
3. When you first take the MOBY out of the box, the Handlebar is not connected to the T-Handle Stem. Remove the top bracket from the stem and attach BRAKE LEVER and Throttle LEVER are in the down position for shipping. Using the provided Allen Wrench, loosen the tension bolt, and adjust the levers to a comfortable position.



### **Fueling**

**This is a two-stroke engine. Always run the engine using fuel, which is mixed with 2-cycle engine oil.**

### **PLEASE READ OPERATING PROCEDURES BEFORE FUELING!**

4. Mix fuel (minimum 89 octane) and 2-cycle engine oil in separate container (Fig. 3). Use Tanaka Perfect Mix or a quality 32:1 2-cycle oil. Make sure the





fuel is well mixed by shaking the container.

5. Make sure that the engine is OFF while fuelling.
6. Slowly open the GAS CAP, so that possible over-pressure disappears.
7. Clean the tank cap area to make sure that it is free from excess dirt and debris.  
\* Make sure that no dirt falls into the gas tank.
8. Pour pre-mixed Gas/Oil mixture into the GAS TANK. \* Do not overfill.
9. After fueling, replace the GAS CAP and tighten.

### **Starting**

**Move at least 10 feet away from where you filled up the gas.**

10. Push on the bladder (Primer Bulb) several times to draw gas into the engine. (Fig. 4)
11. Set the CHOKE LEVER to the CHOKED (UP) position. (Fig. 5)
12. Pull the RECOIL STARTER briskly, making sure to hold the handle in your grasp. (Fig. 6) \* Note: Do not allow it to snap back, let it back slowly. You may want to give it a little throttle by gently squeezing the GAS LEVER.
13. It may be necessary to REPEAT step 11 several times.

**When starting the MOBY X for the first time, it may be necessary to pull the starter handle 15-20 times until it starts.**

14. Once the engine has started, quickly move the CHOKE LEVER into the RUN (DOWN) position. (Fig. 5)
15. After engine is started, let it warm up for 2-3 minutes before riding.

**IF THE MOTOR STALLS AT IDLE SPEED,  
IT MAY BE NECESSARY TO ADJUST THE  
IDLE SPEED ON THE CARBURETOR.**



Please refer to Carburetor Adjustment in the Maintenance section on page 12 for instructions on how to adjust idle speed.

**Riding**

16. Makes sure that all of the exposed bolts and screws are tightened.
17. Raise the kickstand to its upright position.
18. Make sure the engine is running.
19. Put one foot on the deck of the MOBY X. While pushing off with the other foot, gently depress the THROTTLE LEVER, on the right side of the handlebars. The MOBY will begin to move on its own power.
20. Control your speed by pressing and releasing the accelerator lever. The harder you squeeze, the faster you will go.

**NOTE:** Stand firm but relaxed. Keep weight between the wheels. Don't stand too close to the front or lean too far back. Shift your weight to the rear when applying brakes, and lean toward the front when accelerating. Keep feet apart for more stability.



**Braking**

21. To brake, release the THROTTLE LEVER and depress the BRAKE LEVER (on the left side of the handlebars).
22. Gradually decrease the engine speed to idle.
23. To turn the unit off press the kill switch button on the handlebar tube. (Fig. 7) This will turn the engine OFF.

**FOLDING AND STORAGE**

When you are done riding the MOBY X you can fold it down for compact storage, carrying and transportation. To fold down the MOBY X, use one hand to push down

on the folding handle while gently pushing down on the handlebars. BE CAREFUL NOT TO HIT YOUR HEAD WITH THE HANDLEBAR. Use the locking hook, located near the engine to secure the T-handle into place.

**\* NOTE: If the lever is pulled aggressively, the locking spring may become stretched and then the steering will not lock into position, it is also advisable to ensure scooter locks firmly, prior to riding.**

You can now carry the MOBY X by the handlebar tube.

## **MAINTENANCE**

### **RECOMMENDED TOOLS**

To adjust and service the Bladez MOBY Power Board you will need the following tools:

- **Allen Wrenches:** 3 / 4 / 5 / 6mm.
- **Wrenches:** 10 / 13 / 16 mm Open and ring combination.
- **Short reach Spark Plug Socket**
- **Large Adjustable Crescent Wrench**
- **Spark Plug Sockets**
- **Philips Head Screwdrivers**
- **Oil, Grease or Lubricant (such as WD-40)**

### **CARBURETOR ADJUSTMENT**



#### **WARNING!**

**Never start the engine without the complete clutch cover assembled! Otherwise the clutch can come loose and cause personal injuries.**

**In the Carburetor, fuel is mixed with air. When the engine is test run at the factory, the Carburetor is basically adjusted. A further adjustment may be required from time to time, depending on climate and altitude.**

**The Carburetor has only one possible adjustment:**

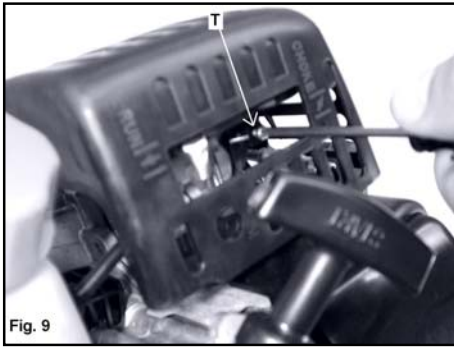
**T= idle speed adjustment screw**

#### **Idle Speed Adjustment (Fig. 9)**

**When the idle speed is adjusted properly, the engine will run smoothly, without pressing the THROTTLE LEVER.**

#### **If adjustment is required:**

1. Start the engine.
2. Using a long, Philips head screwdriver gently close (clockwise) the T-screw



until the MOBY X starts to move forward.

3. Then open (counter-clockwise) the screw until the MOBY X stops.
4. You have reached the correct idle speed when the engine runs smoothly below the RPM when the MOBY X starts to move.

Note: Standard idle RPM is about 2500-3000 RPM.



**When the engine is idling, under no circumstances should your MOBY X be moving.**

**If the MOBY X continues to move after idle speed adjustment, contact Bladez or your local Bladez service center.**

## **TIRES AND WHEELS**

The Bladez MOBY X uses an identical rim and tires assembly on the front and rear wheels, which means that the tires can be rotated. The wheels are actually two wheel halves (split rim) bolted together to make it easier to remove and replace the tire and tube.

The rear wheel is fitted with a special spacer to accommodate the rear sprocket, while the front wheel has a bracket for the V-Brake.

Tire wear will differ based on rider weight, riding conditions and care. Replacement tires can be obtained at your local Bladez dealer, through motorcycle shops, or from the Bladez website at [www.ebladez.com](http://www.ebladez.com).

### Tire Pressure

The tire must be inflated to a maximum of **50 P.S.I.** It is also recommended to use a tube additive like **Slime** purchasable from any motorcycle shop, to avoid inconvenient punctures.

Empty all air from the tire, prior to loosening the bolt to split the rim.

## **MAINTENANCE SCHEDULE**

Proper care of your Power Board will insure optimal performance and longer life span. The following are a few maintenance suggestions that will keep your Power Board running in top condition:

### Daily Maintenance

Perform each time you ride your MOBY.

- ❑ Clean the exterior of the unit with a soft, damp rag.
- ❑ Check that all nuts and bolts are securely tightened.

### Weekly/Monthly Maintenance

- ❑ Check the starter, especially the cord and return spring.
- ❑ Remove the spark plug and check the electrode gap. Adjust it to 0.6 mm, or change the spark plug.
- ❑ Clean the cooling fins on the cylinder head and check that the air intake at the starter is not clogged.
- ❑ Clean the air filter.



[www.ebladez.com](http://www.ebladez.com)

**Bladez, Inc.**  
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Irvine, CA  
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