



Powered Personal Transportation

GAS POWERBOARD



Product Handbook

FOR THE BLADEZ **MOBY 35/40
GAS POWERBOARD**

Models: PB-SE802
 PB-SE803
 PB-SE1802
 PB-SE1803

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 GAS AND 2-STROKE ENGINE OIL

1. You **must** always use a gas oil mixture. FAILURE TO DO SO WILL VOID YOUR WARRANTY!
2. Use 50:1 Gas:Oil Mixture. 2.6 oz of oil for every gallon of High-Octane Gasoline.
3. Tanaka Perfect Mix, or similar quality 2-Cycle Engine Oil recommended. Oil can be purchased from your local Bladez Dealer, Outdoor Power Equipment Dealer, Power Sports Dealer or on www.ebladez.com.
4. High-Octane Fuel Recommended. (90 octane or higher)

**Failure to follow these INSTRUCTIONS 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!

DO NOT RIDE IN WET/ICY CONDITIONS!

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

If you have any questions, please contact Bladez customer service
(866) 325-2339 or visit us on the web at 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 product. 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.

DO NOT use a water hose to clean this product. See Product Handbook for more information.

This product is recommended for riders 16 YEARS OF AGE and older.

SAFETY

- This product should not be used by persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities.
- 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.
- Never start the engine inside a closed room or building. Breathing exhaust fumes can be fatal.

**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
(866) 325-2339**

**MONDAY thru FRIDAY, 8am to 5pm PST
or visit us on the web at:**

www.ebladez.com

GROWING NETWORK OF SERVICING DEALERS



FOR ALL YOUR POWERBOARD NEEDS

QUICK REFERENCE SAFETY GUIDE

Fuel Safety

- ❑ Mix and pour fuel outdoors away from sparks or flames.
- ❑ Only use a container approved for fuel.
- ❑ Do not smoke or allow smoking near the Power Board while working on the engine, or while the engine is running.
- ❑ Wipe up and clean all fuel spills before starting the engine.
- ❑ Move at least 10 feet away from where you fueled before starting engine.
- ❑ Stop engine before removing the fuel cap.
- ❑ It is recommended that you empty the fuel tank prior to shipping or storage to prevent fuel leaks.
- ❑ Do not store your Power Board near open flames, furnaces, electric motors or switches.

Maintenance

- ❑ Maintain your Power Board as recommended in this Product Handbook.
- ❑ Disconnect the spark plug cap before performing any engine maintenance, except for carburetor adjustments.
- ❑ Keep others away while making carburetor adjustments.
- ❑ Use only quality replacement parts as recommended by the manufacturer.

Transportation and Storage

- ❑ Carry your Power Board by the handle bar tube with the engine off and the muffler away from your body.
- ❑ Allow the engine to cool, empty the fuel tank and fold the Power Board before carrying or storage.
- ❑ It is recommended that you empty the fuel tank prior to shipping or storage to prevent fuel leaks.
- ❑ Clean the Power Board carefully and store in a cool, dry place.

Product Safety

- ❑ Keep hands and feet away from moving parts.
- ❑ Inspect the entire product prior to each use. Replace damaged parts. Check for fuel leaks and make sure all fasteners are in place and securely fastened.
- ❑ Replace all parts that are cracked, chipped or damaged before use.
- ❑ Use only parts and accessories that are recommended by the manufacturer.

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

**Contact your dealer or Bladez (www.ebladez.com)
if you need further assistance**

TABLE OF CONTENTS

TABLE OF CONTENTS.....6

GETTING TO KNOW YOUR BLADEZ POWER BOARD.....7

PACKAGE CONTENTS.....8

GETTING STARTED8

FOLDING AND STORAGE10

OPERATING PROCEDURES11

MAINTENANCE.....12

RECOMMENDED TOOLS12

CARBURETOR ADJUSTMENT.....12

BRAKING SYSTEM13

TIRES AND WHEELS14

ADJUSTING THE HEAD UNIT14

ADJUSTING THE BELTS.....15

MAINTENANCE SCHEDULE.....16

OTHER QUESTIONS.....16

GETTING TO KNOW YOUR BLADEZ POWER BOARD



Before operating your BLADEZ Power Board, please get acquainted with all of the features.

Power Board Features

1. Throttle Lever
2. Brake Lever
3. Disc Brake
4. 2-Stroke Engine
5. Folding Handle
6. Kickstand
7. Head Unit
8. Deck
9. Brake Calliper
10. Rear Friction Foot Brake
11. Kill Switch
12. Belt Pulley
13. Belt Cover
14. Handle Bar Tube

Motor Features

1. Recoil Starter
2. Gas Tank
3. Gas Cap
4. Choke Lever
5. Carburetor
6. Carburetor Cover
7. Muffler
8. Muffler Cover
9. 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 Power Board
2. Allen Wrench
3. Spark Plug 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. Carefully remove the MOBY from the box.
2. 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 (Fig. 2).
3. Fully extend the handlebars to their upright position until you feel the mechanism lock into place (Fig. 3).
4. When you first take the MOBY out of the box, the 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 (Fig. 4). * BE CAREFUL NOT TO PULL ON THE CABLES!

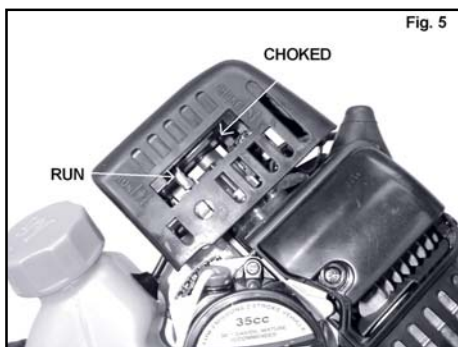
Fueling

This is a two-stroke engine.

Only run the engine using a mixture of gasoline and 2-cycle engine oil.

PLEASE READ OPERATING PROCEDURES BEFORE FUELING!

5. Mix fuel (minimum 90 octane) and 2-cycle engine oil in separate container. Use Tanaka Perfect Mix or a quality 50:1 2-cycle oil. Make sure the fuel is well mixed by shaking the container.
6. Make sure that the engine is off!



7. Slowly open the GAS CAP, so that possible over-pressure disappears.
8. 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.
9. Pour pre-mixed Gas/Oil mixture into the GAS TANK. * Do not overfill.
10. After fueling, replace the GAS CAP and tighten.

Starting

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

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 12 several times until the motor starts

When starting the MOBY for the first time, it may be necessary to pull the starter handle multiple times until it starts.

*This is because the gas needs to be drawn into the carburetor.

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 KEEPS STALLING 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. 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.



Braking

21. To brake, release the THROTTLE LEVER and depress the BRAKE LEVER (on the left side of the handlebars). You can also use the rear foot brake. (Fig. 7)
22. Gradually decrease the engine speed to idle and press the kill switch button on the handlebar tube. (Fig. 8) This will turn the engine OFF.

FOLDING AND STORAGE

When you are done riding the MOBY you can fold it down for compact storage, carrying and transportation. To fold down the MOBY, 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.** Push down until you feel the mechanism lock into down position.

*** 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 by the handlebar tube.

OPERATING PROCEDURES

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 90.
- ❑ Use 2-stroke engine oil only. Mix 50:1 (or 5%), 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 before 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.

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.



Fig. 9

If adjustment is required:

1. Start the engine.
2. Using a long, Philips head screwdriver gently close (clockwise) the T-screw until the MOBY starts to move forward.
3. Then open (counter-clockwise) the screw until the MOBY stops.
4. You have reached the correct idle speed when the engine runs smoothly below the RPM when the MOBY starts to move.

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



WARNING!

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

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

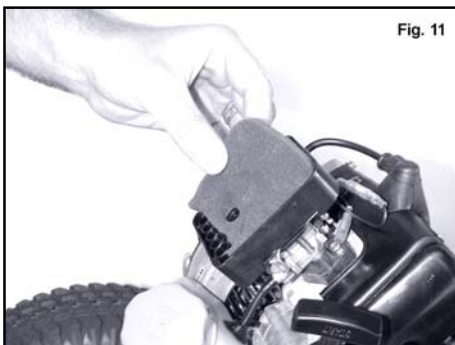
Cleaning the Air Filter

It is a good idea to occasionally clean the air filter to insure optimum performance.



To clean the air filter:

1. Using a Philips head screwdriver, remove the carburetor cover by turning the cover screw counter clockwise. (Fig. 10)
2. Remove and clean the air filter (the spongy material on top of the air intake), with a damp rag. (Fig. 11)
3. Put the air filter back into its original position and replace the cover.



BRAKING SYSTEM

The MOBY uses both a front wheel disc/calliper system activated by a hand lever (on the left side of the handlebar) and a rear friction foot brake. The front brake is activated by squeezing the BRAKE LEVER with your left hand. Make sure to release the THROTTLE LEVER when engaging the brakes.

Practice braking on a smooth, dry surface to get used to the feel of the braking system. Braking distance is affected by wet conditions and loose and uneven riding surfaces.

Adjusting the Brakes

The Brakes on the MOBY should come fully adjusted from the factory. However, it may be necessary to adjust the brake from time to time.



To adjust the brakes:

1. With one hand, depress the brake calliper using your thumb and forefinger (Fig. 12).
2. With the other hand, adjust the tension screw on the brake line.
 - a. Turn the tension screw clockwise to loosen the brake.
 - b. Turn the tension screw counter-clockwise to tighten the brake.

Squeaky Brakes

The brakes may squeak before they are broken in. This is normal and will not affect the function or performance of the brakes. With continued use, the squeak should go away.

TIRES AND WHEELS

The Bladez MOBY 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 belt pulleys, while the front wheel has a bracket for the disc 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.

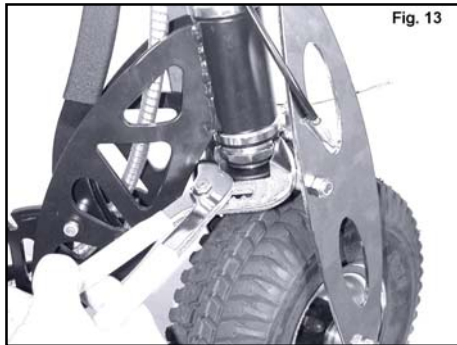
Tire Pressure

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.

ADJUSTING THE HEAD UNIT

The head unit should come adjusted from the factory. However, riding on rough terrain and general use may cause the head unit to become loose over time. It may be necessary to adjust the head unit from time to time.



To adjust the head unit:

1. Rotate the handle bar as far right as it will go to expose the HEAD UNIT (Fig. 13).
2. Using a large adjustable wrench, gently turn the BEARING LOCK clockwise to tighten. * DO NOT OVER TIGHTEN OR IT WILL DAMAGE THE BEARINGS

ADJUSTING THE BELTS

The belts will come adjusted from the factory. However, it may be necessary to adjust the pulleys from time to time. The belts must be well aligned onto the pulleys otherwise they may start to rub and chafe, which will result in shortened belt life.

How tight should the belt be?

- ❑ If the belt is skipping or jumping on the pulley teeth, this is too loose and may be harmful.
- ❑ If the belt is making a humming sound when the wheel is turning, this is too tight and may cause the belt to snap.
- ❑ The correct tension is achieved by adjusting the belt from its loose position to when it becomes lightly tense.



To tighten the belts:

1. Open the belt cover.
2. Rotate the rear wheel to assess the alignment of the belts.

Adjust the small belt first.

3. Loosen the tensioned lock nut under the clutch first.
4. Adjust the outer and inner adjuster screws acutely together, by making minor adjustments one at a time. (Fig. 14). After each adjustment rotate the rear wheel to insure that the belt is aligned.

Then adjust the large belt.

5. Slightly loosen the two Axle bolts on both sides of the rear wheel. (Fig. 15). Then slowly adjust the two adjusting screws on each side of the rear tire (Fig. 16) until belt reached the proper tension.





- Occasionally rotate the rear wheel to make sure belt is aligned.
6. Finally lock and tighten the rear axle bolts prior to riding.

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.

OTHER QUESTIONS

For additional questions, service instruction, further information and important phone numbers, please go to the Bladez website at www.ebladez.com.

Thank You for purchasing a Bladez Power Board and please tell your friends about how much fun you had on the Bladez Power Board.



www.ebladez.com

Bladez, Inc.

20155 Ellipse
Foothill Ranch CA,
92610

(949) 206-0330 voice
(949) 206-0350 fax

