



X-Treme™ Gasoline Scooters



Model: XG-499

Product Handbook

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 32:1 Gas/Oil Mixture. 4 oz. of oil for every gallon of High-Octane gasoline.
3. Tanaka Perfect Mix, or similar quality 2-Cycle Engine Oil is recommended. Oil can be purchased from your local X-Treme Dealer, Outdoor Power Equipment Dealer, or a Power Sports Dealer
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 XG-499!**

DO NOT JUMP or ABUSE THIS PRODUCT!

DO NOT RIDE IN WET/ICY CONDITIONS!

Failure to follow these instructions will
VOID YOUR WARRANTY!

If you have any questions, please contact X-Treme customer
service on the web at www.x-tremescooters.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 kneepads and appropriate footwear.
- Never start the engine inside a closed room or building. Breathing exhaust fumes can be fatal.

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 X-Treme XG-499 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 X-Treme XG-499 near open flames, furnaces, electric motors or switches.

Maintenance

- Maintain your X-Treme XG-499 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

- Allow the engine to cool, empty the fuel tank and fold the X-Treme XG-499 before carrying or storage.
- It is recommended that you empty the fuel tank prior to shipping or storage to prevent fuel leaks.
- Clean the X-Treme XG-499 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 judgment.**

**Contact your dealer or X-Treme (www.x-tremescooters.com/support/)
if you need further assistance**

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GETTING TO KNOW YOUR X-TREME XG-499



PACKAGE CONTENTS

Your X-Treme XG-499 comes with the following items in the box. Please locate all of the following:

1. The X-Treme XG-499 Gas Scooter
2. Allen Wrench
3. Spark Plug Wrench
4. Product Handbook
5. Fuel Tank and lines
6. Tool Kit

GETTING STARTED



Please read and understand these instructions and the OPERATING PROCEDURES section, prior to starting or riding your XG-499



Assembly



1. Carefully remove the XG-499 from the box.
2. Insert the handlebar down tube over the front fork completely until the gold pin snaps into place. Slide the clamp down to the base of the tube and tighten the two bolts securely. (Fig.1)
3. Attach the handlebars by first attaching the large handlebar clamp to the top of the handlebar down tube. Then attach the handlebars to the clamp. Tighten all bolts after adjusting the handlebars to the desired tilted position. (Fig. 2)



4. The BRAKE LEVER is in the down position for shipping. Using the provided Allen Wrench, loosen the tension bolt, and adjust the levers to a comfortable position. *BE CAREFUL NOT TO PULL ON THE CABLES!

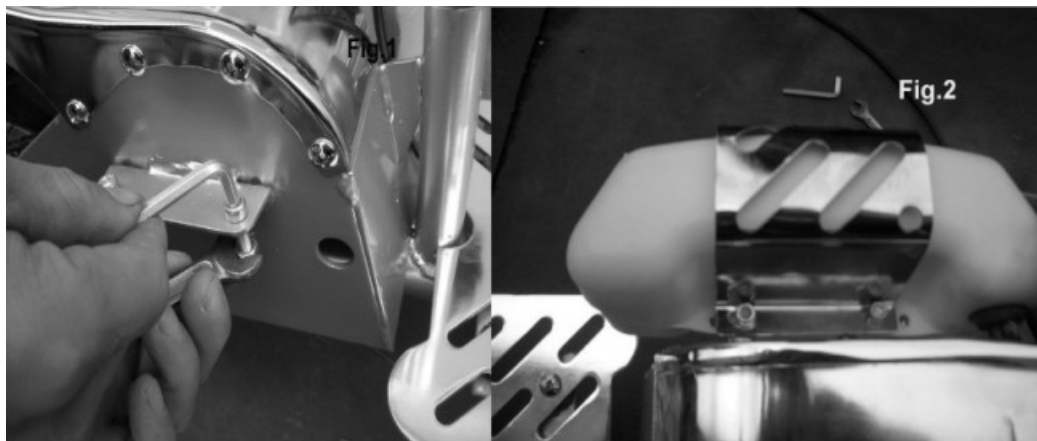
Installing the fuel tank

The fuel tank on the XG-499 does not come fully installed from the factory, so it is necessary to install it before initial use.

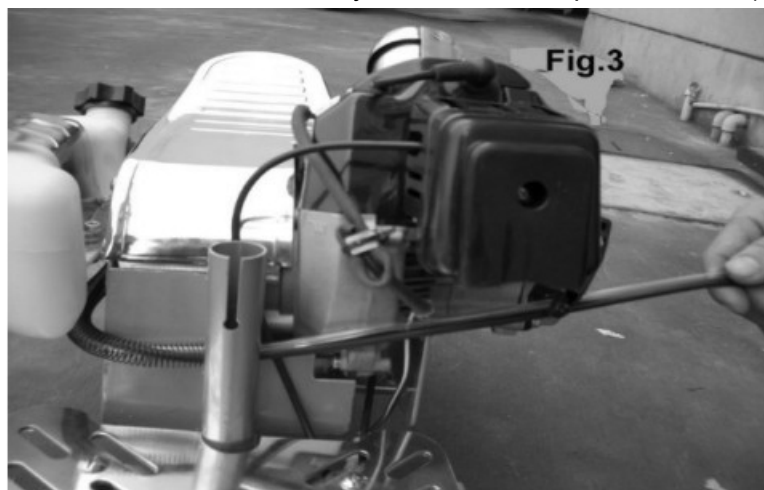
The fuel system consists of the carburetor; fuel tank, fuel supply line and the fuel return line.

To install the tank:

1. Using an adjustable wrench, turn the screw counter-clockwise to loosen. (Fig1.).



2. Install the fuel tank and tank shield onto the mounting bracket. Turn screws clockwise to firmly attach the tank. (Fig.2).
3. Run the fuel lines directly behind the seat post receiver. (Fig.3).



4. Make sure the two fuel lines connect to the engine correctly.

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!

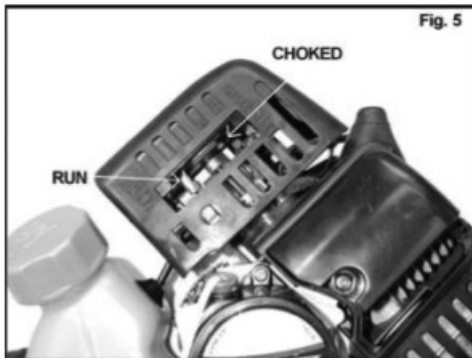
1. Mix fuel (minimum 90 octane) and 2-cycle engine oil in separate container. Use Tanaka Perfect Mix or a quality 32:1 2-cycle oil. Make sure the fuel is well mixed by shaking the container
2. Make sure that the engine is off!



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

Starting

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



1. Set the CHOKE LEVER to the CHOKED (UP) position. (Fig.5)
2. 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.

It may be necessary to repeat step 2 several times until the motor starts.



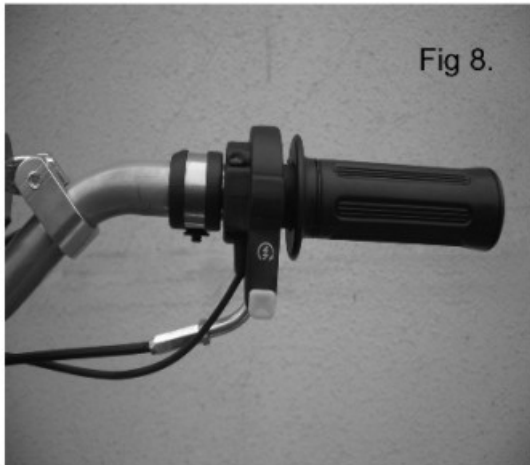
When starting the XG-499 for the first time, it may be necessary to pull the starter handle multiple times until it starts.

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

3. Once the engine has started, quickly move the CHOKE LEVER into the RUN (DOWN) position. (Fig.5)
4. 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 13 for instructions on how to adjust idle speed.



Riding

1. Make sure that all of the exposed bolts and screws are tightened.
2. Raise the kickstand to its upright position.
3. Make sure the engine is running.
4. Put one foot on the deck of the XG-499 while pushing off with the other foot, gently rotate the THROTTLE GRIP, on the right side of the handlebars. The XG-499 will begin to move on its own power.
5. Control your speed by rotating the accelerator grip. The more you rotate, the faster you will go.

Braking

1. To brake, release the THROTTLE GRIP and depress the BRAKE LEVERS (on the left/right side of the handlebars) (Fig.7)
2. Gradually decrease the engine speed to idle and press the kill switch button located just to the left of the throttle grip. (Fig.8) This will turn the engine OFF.

TRANSPORTING/STORAGE

Your XG-499 is easily disassembled for compact storage or transporting by removing the handlebar and seat post from the scooter. These two items are removed by simply loosening the clamps. For the handlebar, locate the large clamp at the base of the handlebar and loosen the bolts. Pull up to remove the handlebars from the front fork being careful not to disconnect any wires and gently set the handlebars on the footplate. To remove the seat post and seat, do the same by loosening the large clamp at the base of the seat post and pull the post from the frame. Be careful not to lose your clamps by leaving them on the handlebar or seat post and tighten them in place.

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 32:1 (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 refueling.
- 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 X-Treme XG-499 you will need the following tools:

- Allen Wrenches: 3/4/5/6 mm
- Wrenches: 10/13/13 mm Open end wrench
- Large Adjustable Crescent Wrench
- Spark Plug Sockets
- Philips Head Screwdrivers
- Oil, Grease or Lubricant

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 tested at the factory, the Carburetor is basically adjusted. Further adjustment may be required from time to time, depending on climate and altitude.

The Carburetor has two possible adjustments:

1. Idle speed adjustment
2. Air/Fuel Mixture adjustments



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

Idle Speed Adjustment

1. Start the engine.
2. Using a long, Philips head screwdriver gently turn the top screw clockwise until the XG-550 starts to move forward.
3. Then back out by turning the screw counterclockwise until the XG-550 stops.

*Correct idle speed is obtained when the engine runs smoothly just below the RPM when the XG-550 starts to move.

Air/Fuel Mixture Adjustment

1. Start the engine.
2. Using a long, standard screwdriver and while holding the throttle wide open, turn the bottom screw (with spring) clockwise as far as possible, then back out 1 & ¼ to 1 & ½ turns until the engine runs smoothly.



WARNING!

When the engine is idling, under no circumstances should your XG-499 be moving.

If the XG-499 continues to move after idle speed adjustment, contact X-Treme or your local X-Treme service center.

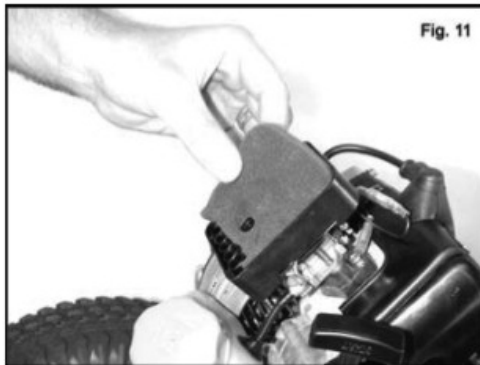
Cleaning the Air Filter

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.



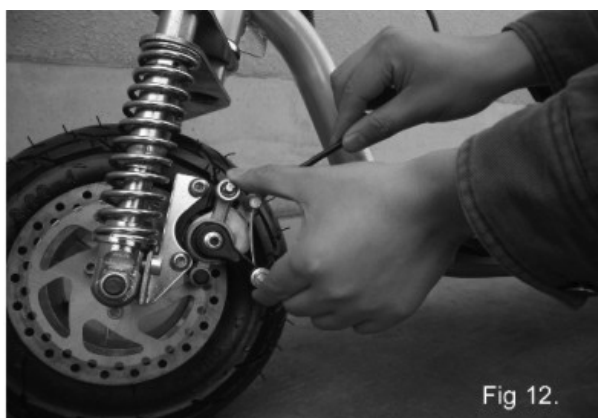
BRAKING SYSTEM

The XG-499 uses both front wheel and rear wheel disc/caliper system activated by hand levers (on either side of the handlebar). Squeezing the BRAKE LEVER with your left hand activates the front brake, and squeezing the BRAKE LEVER with your right hand activates the rear brake. Make sure to release the THROTTLE GRIP 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 XG-499 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 caliper 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 counterclockwise to tighten brake.

Squeaky Brakes

The brakes may squeak until 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.

TIRE AND WHEELS

The X-Treme XG-499 uses an identical rim and tire 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 chain sprocket, 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 X-Treme dealer, through motorcycle shops, or from the X-Treme website at www.x-tremescooters.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:

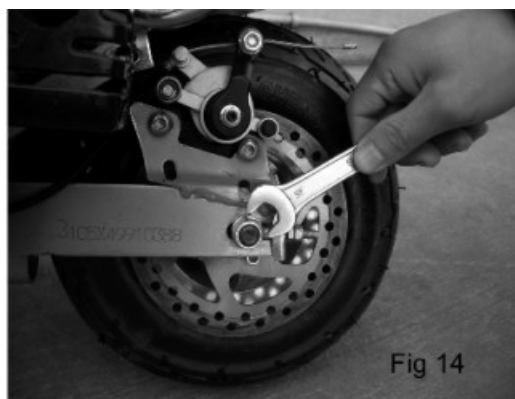
1. Rotate the handle bar as far right as it will go to expose the HEAD UNIT (Fig.13).
2. Using a large adjustable wrench, gently turn the BEARING LOCK clockwise to tighten. *DO NOT OVER TIGHTEN OR IT WILL DAMAGE THE BEARINGS.

ADJUSTING THE CHAIN

The chain will come adjusted from the factory. However, it may be necessary to adjust the sprockets from time to time. The chain must be well aligned onto the sprockets in order to avoid uneven wear. This will result in shortened chain life.

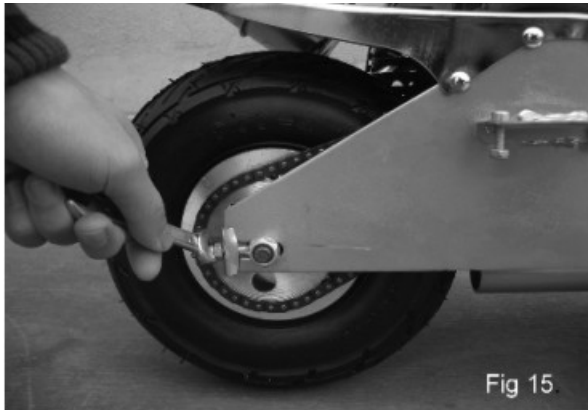
How tight should the chain be?

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



To tighten the chains:

Slightly loosen the two axle bolts on both sides of the rear wheel. (Fig.14). Then slowly adjust the two adjusting screws on each side of the rear tire (Fig.15) until belt reaches the proper tension.



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

MAINTENANCE SCHEDULE

Proper care of your X-Treme XG-499 will insure optimal performance and longer life span. The following are a few maintenance suggestions that will keep your X-Treme XG-499 running in top condition:

Daily Maintenance

Perform each time you ride your XG-499

- 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 pull starter, especially the cord and return spring.
- Remove the spark plug and check the electrode gap. Adjust it to 0.6mm, 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 instructions, further information and important phone numbers, please go to the X-Treme website at www.x-tremescooters.com

Thank you for purchasing an X-Treme XG-499 and please tell your friends how much fun you're having on the X-Treme XG-499

For General Information or Parts Visit
www.x-tremescooters.com
For Technical Support or Assistance Visit
<http://www.x-tremescooters.com/support/>