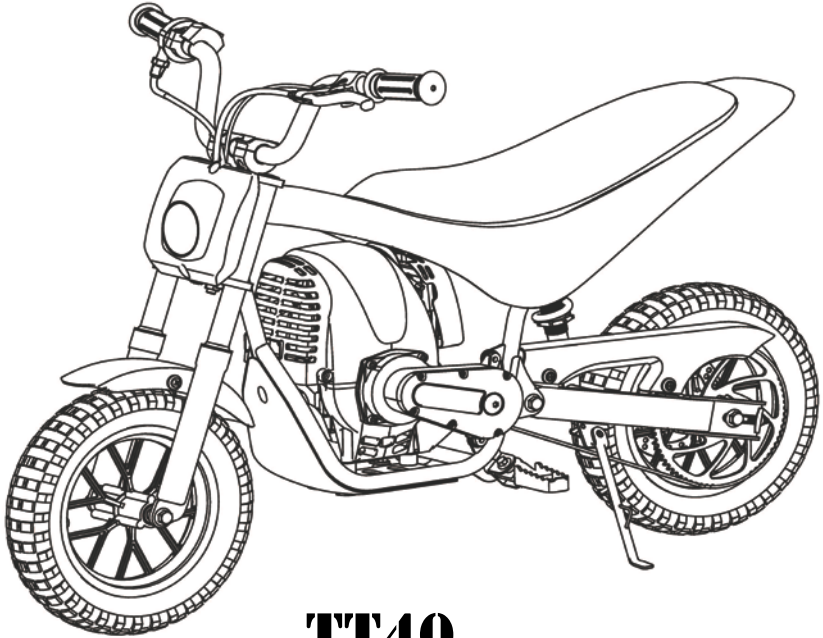




BURROMINI-GAS



TT40

GAS-POWERED DIRT BIKE

Owner's Manual

**Read and understand this entire manual
before riding!**

IMPORTANT!

READ THIS ENTIRE BOOK CAREFULLY BEFORE
OPERATING THIS PRODUCT, THE FIRST TIME.

This vehicle does not conform to Federal Motor Vehicle regulations and is not intended to be used on public streets, roads or highways.

THE USER ASSUMES **ALL** RISK INVOLVED IN USING THIS PRODUCT. Serious injury or death 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 knee pads along with appropriate footwear.

NEVER operate this product in traffic, and always be careful on wet, frozen, oily or unpaved surfaces. **NEVER** operate this vehicle while under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles that may be in your path.

WARNING:

Never let a child or inexperienced person operate this vehicle. **Never** run the engine without proper ventilation as breathing exhaust fumes can be fatal and carbon monoxide is difficult to detect.

This product should not be used by persons without good vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities.

Never let a person under the age of 14 operate this vehicle without proper adult supervision.

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.

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NOTE: Manual illustrations are for demonstration purposes only.

Illustrations may not reflect exact appearance of actual product.

Specifications subject to change without notice.

INTRODUCTION

Congratulations on choosing your new Burromax TT40 Gas Minibike

Your Burromax Minibike was designed as a recreational vehicle for off-road use only and by a single rider only. This minibike is easy to use and is ideal for riders with basic experience.

Before riding, please take your time to get acquainted with your minibike and how it works. To protect your investment, we urge you to keep it well maintained. In addition to regular maintenance it is important to observe and perform all pre-ride and periodic checks outlined in this Owner's Manual. In this manual, you will find helpful safety information, instructions and helpful tips.

As you read through this manual you will find information that is noted with a NOTICE symbol. This is to point out key bits of information that will help you avoid damage to your minibike and property around you. This manual covers basic maintenance procedures as well. For problems with your minibike that are not covered in this manual, please refer to **info@Burromax.com**.

And from all of us at Burromax, Enjoy your TT40 Minibike!



Contact your dealer or Burromax (info@Burromax.com) if you have questions.


IMPORTANT SAFETY INFORMATION

Your personal safety and the safety of those around you is our primary concern. Operating this Gas minibike safely is an important responsibility and should not be taken lightly.

Burromax has provided you with safe operating procedures and warning labels on your minibike and in this manual. This information will alert you to potential hazards that could harm you or others.

It is understood that it is not practical or possible to warn you about all possible hazards associated with off-road riding and maintaining your minibike. You must always use your own best judgement.

Safety information is presented in a variety of forms, including:

- Safety labels and tags on the minibike
- Safety messages preceded by a safety symbol  and one of these three signal words: DANGER, WARNING and CAUTION.



Any of the above labels can indicate a danger where you or someone around you can be **KILLED** or **SERIOUSLY INJURED** if the instructions that it accompanies are not followed carefully.

This manual is filled with important safety information, please read it carefully and be sure that you understand it.

IMPORTANT SAFETY INFORMATION

The Burromax TT40 Minibike can provide many years of service and pleasure, provided you take responsibility for safety, proper maintenance and understand the challenges you may encounter while riding it.

Fuel Safety

- Do not mix Oil and Gas.
- Always pour fuel outdoors away from sparks or flames.
- Use only containers that are approved for fuel.
- Never smoke or allow others to smoke near the TT40 while you are working on the engine, or when refueling.
- Carefully clean up all fuel spills before starting the engine.
- Always move at least 10 feet away from the spot of fueling before starting up the engine.
- Always kill the engine before removing the fuel cap.
- Burromax recommends that you first empty the fuel tank before shipping or storage to prevent fuel spills.
- Never store your TT40 near open flames like water heaters, furnaces, electric motors or switches because fumes may become ignited.

Maintenance Safety

- Maintain your TT40 as recommended in this Owner's Manual.
- Use only quality replacement parts as recommended by the manufacturer.
- Let the engine cool before making any engine or drive train adjustments.
- Clean your TT40 carefully and store in a cool, dry place.

Safe Riding

- Keep hands and feet away from all moving parts.
- Go over the entire unit looking for loose bolt, fuel leaks or any other problems each time before you ride it.
- Replace damaged parts as soon as you can.
- Use only parts and accessories that are recommended by Burromax.
- If a situation arises that is not covered in this Owner's Manual, proceed with caution and use your own good judgement.

Contact your dealer or Burromax (info@Burromax.com) if you have questions.

IMPORTANT SAFETY INFORMATION

As a parent, your child's safety is your priority. Riding a minibike is very fun, but just like riding a bicycle, bad decisions can result in injury or death. As a parent, you can prevent accidents by making informed decisions about if, when and how your child will ride. Always supervise your child when he/she is riding.


Before you allow your child to ride you need to determine if he/she is ready. Riding readiness can vary from one person to another. Age and size are not the only factors that help to determine riding readiness. There are three other factors that you should consider before deciding if your child is ready to ride.

First, consider your child's physical ability. A rider must be able to hold the minibike up, and be able to reach all handlebar controls and steer the minibike accurately. Second, consider your child's athletic ability. It is a good idea if they can operate a bicycle before operating any motorized vehicle. Determine if your child is a good judge of speed and distance while riding a bicycle and that they react with proper foot and hand actions. Any person who does not have good coordination, balance and agility should not attempt to ride this motorized minibike.

Finally, determine their mental maturity. It is imperative that you are honest with yourself when you answer the following questions: Does your child think through problems and come to logical conclusions? Does your child obey the rules when they ride their bicycle? If your child makes bad judgements, takes unnecessary risks and ignores the rules, they should not ride this motorized minibike.

If you have determined that your child is ready to ride please remember the following points:

- Never let your child ride without a helmet.
- Your child's safety is your responsibility. Do not take it lightly.
- Never push your child to try things before they are ready.
- Always supervise your child when they are riding.
- Proper maintenance and upkeep of the minibike is key to safe riding.

 DANGER Any modifications or improper accessories added to the minibike, using parts that are not manufactured by Burromax can make it unsafe. Burromax strongly recommends that you do not remove any of the original equipment or make any modifications that alter the design and/or operation of the TT40 minibike.

GETTING STARTED

PACKAGE CONTENTS

Your Burromax TT40 comes with the following items in the shipping carton. When opening the carton for the first time, be sure you have the following items:

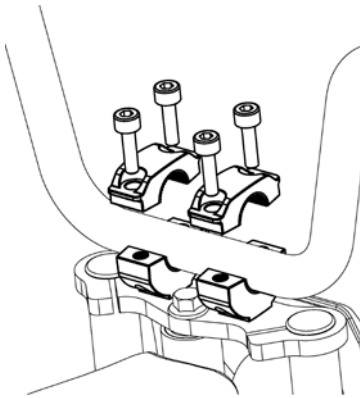
1. TT40 Gas Minibike
2. Owner's Manual
3. Engine Oil (110ml)
4. Primary Oil (30ml)
5. Tool Kit

INITIAL SETUP

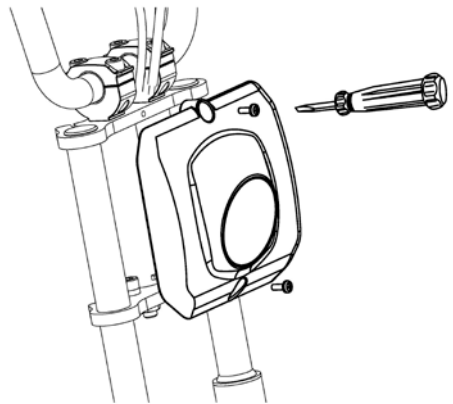
Please read and follow these instructions carefully!

1. Carefully remove the TT40 from the Shipping Box
2. When you first take the TT40 out of the box, the HANDLEBARS are not clamped to the fork to save space for shipping.
3. Place the handlebars in the handlebar clamps. (fig. A) Make sure cables are not twisted or kinked
4. Center handlebar in clamps and position to fit the rider height. Tighten the bolts using a 6mm Allen wrench. When properly tightened, you should have a small gap in front and back of each clamp. The handlebars should not move forward or back.
5. Rotate the front fork from side to side making sure that the wires and cable are free. Squeeze the brake handle a couple times to loosen up the brake. Turn the throttle a couple times making sure that it returns to idle position on its own when released
6. Install fork cover using 2- Screws M6x12. Route cables and wires on the left side of the top mounting screw. Make sure you orientate the cover as shown below and tighten securely.

⚠ DANGER *Do not pull cables!*



(A)



(B)

GETTING STARTED

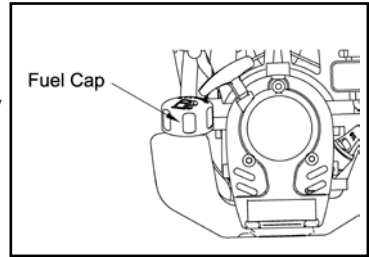
FUELING

The TT40 uses a Four stroke engine

Do not Mix Oil and Gas.

Please read instructions below before fueling.

1. Fuel should be regular 87 octane pump gas only
2. Use only approved fuel container.
Make sure container is clean and dry inside before filling with fuel.
3. Make sure that the engine is not running.
4. Open the fuel cap slowly, so that possible pressure build-up can be released.
5. Wipe off the fuel cap area to make sure that it is free of dirt and debris.
6. Pour Gas into the fuel tank being careful not to overfill.
7. After fueling, replace the fuel cap and tighten.
8. Clean any spilled fuel off the tank and engine.



STARTING

⚠ DANGER

Move at least 10 feet away from where you filled up the tank to get away from spills and fumes.

1. Set the choke to the **START** position.
2. Turn the Kill switch to the **ON** position.
3. Press the fuel primer bulb several times until you see fuel in the bulb.
4. Holding the left-hand grip, pull the starter briskly. Note: Do not allow it to snap back, instead, let it recoil slowly.
3. You may want to give it a little throttle by slightly turning the twist throttle.
4. It may be necessary to pull start the motor several times the first time you start it.
5. Once the engine has started and run for 20 seconds, slowly move the choke lever to the **RUN** position.
6. Let the engine warm up for a minute or two before riding.
7. When operating for the first time a 30-minute break in period is recommended.
Operate the mini bike at moderate speeds during the break in period.

NOTE: Extended running with the choke fully on will cause the engine to run poorly and can cause damage to the spark plug and cylinder wall.

OPERATING CONTROLS

BEFORE STARTING

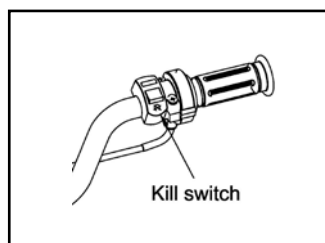
The operating controls of the TT40 are relatively simple, but a rider must be able to operate the throttle, brake and other controls. Please become familiar with the function and the location of each control.

Before starting your TT40, you must be sure that the kill switch is in the ON position, the choke is in the START position and that there is fuel in the primer button. The locations and operation information of each of these controls is shown below.

KILL SWITCH

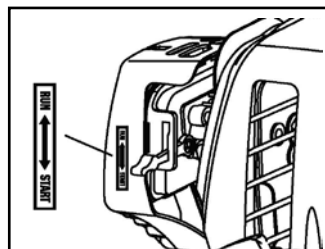
The **Kill switch** is located on Handlebars next to the throttle control

The minibike will not run without moving the kill switch to the **ON** position.



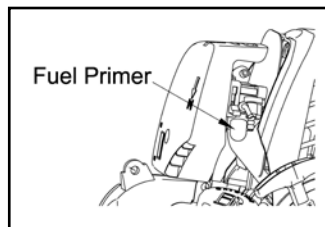
CHOKE LEVER

The Choke Lever is located on the right side of the engine and is used to start the engine when it is cold. It is used to restrict the amount of air in the fuel mixture to start easier and warm up. Flip the lever to the **START** position to start, and then as the engine warms up move the lever to the **RUN** position.



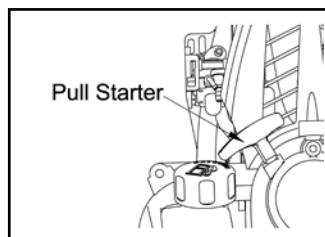
FUEL PRIMER BULB

The Fuel Primer Bulb is used to start the flow of fuel to the carburetor and is located below the choke lever under the carburetor. It is made of soft clear neoprene to allow you to see the fuel in the line. Use your finger to push it a several times when the engine is cool until you see fuel passing through it.



PULL STARTER

The Pull Starter is used to start the engine. To start the engine after you have confirmed the readiness of the above three components, stand on the left side of the minibike holding the left-hand grip firmly. Using your right hand, pull up sharply on the pull start grip to pin the motor.



BEFORE RIDING

Before you ride you must be certain that you are ready to ride. Below is your pre-ride checklist. Be sure to review all the topics below and determine your readiness to ride.


PRE-RIDE CHECKLIST

1. Have you completely read, and do you thoroughly understand this owner's manual?
2. Have you found all the safety messages on your minibike and do you understand them?
3. Do you understand the location of, and how all the operating controls on your minibike work?
4. Are you in good mental and physical condition?
5. Are you drug and alcohol free?
6. Are you wearing a helmet that fits properly?
7. Are you wearing eye protection?
8. Are you wearing sturdy shoes and protective clothing?
9. Is your minibike in good working order?

Additional suggested protective clothing.

1. Gloves to protect your hands.
2. Sturdy riding boots that support your ankles.
3. Knee and elbow pads.

As a reminder:

 DANGER Never ride without a helmet. Helmets significantly reduce the number and severity of head injuries. An approved DOT motorcycle helmet is the most important part of your safety gear. Choose one that fits properly and is snug on your head. Motorcycle dealers can help in selecting a good quality helmet with proper fit.

BEFORE RIDING

PRE-RIDE INSPECTION

1. Check tire pressure with a tire gauge. Recommended tire pressure is 30-40PSI for both tires.
2. Check engine oil level to be full.
3. Make sure you have added the proper amount of primary jack-shaft oil (30ML).
4. Check rims to make sure they are not bent or damaged.
5. Inspect the engine for fuel and oil leaks.
6. Check the level of fuel in the gas tank.
7. Check the drive chain to see if it needs to be lubed or tightened.
8. Check the brake to be sure that they are working properly.
9. Look over the entire minibike for loose nuts and bolts.
10. Check the throttle to be sure it moves freely and returns to the idle position on its own when released.
11. Be sure that the handlebars turn freely.

DANGER

Failure to properly maintain your TT40 minibike can lead to a crash in which you can be seriously injured or killed. Always perform a pre-ride inspection on your minibike and keep it in good condition to get the most out of your Burromax TT40

DANGER

The TT40 utilizes a 4 stroke engine. Never mix the Oil and Gas together it will severely affect the Starting and running of your TT40 Mini bike.

NOTE: Extended running with the choke fully on will cause the engine to run poorly and can cause damage to the spark plug and cylinder wall.

BASIC OPERATION

The following section of the manual provides some basic information on how to begin riding your TT40 Gas Minibike. We will cover how to start and stop the engine, how to use the throttle and brake and what you should do when you finish riding.

SAFE RIDING PRECAUTIONS

Before riding this minibike, be sure that you have read and understand this entire owner's manual up to this point, including the sections that are titled **Important Safety Information** and **Before Riding**. Even if you have ridden other minibike in the past, take time to become familiar with how this minibike runs and how it handles. Different minibikes have different handling characteristics. Always practice in a safe area until you feel comfortable with how this minibike runs and handles.

⚠ DANGER For your safety, **NEVER** run the engine in an enclosed space with poor ventilation, such as a garage. The exhaust contains poisonous carbon monoxide which can collect rapidly and cause illness or death.

⚠ DANGER This minibike is not equipped with lights. Do not ride after dark.

STARTING THE ENGINE

1. Move the kill switch to the **ON** position.
3. If the engine is cold, flip the choke lever into the **START** position.
If the engine is warm, you may not need to use the choke at all.
4. Press the fuel primer bulb a several times.
5. Stand on the left side of the minibike and hold the left-hand grip.
6. Using your right hand, pull the starter handle upward sharply until it starts, lowering the handle back to the recoiled position gently.
7. Once the engine starts to run, let it warm up by operating the throttle for about 20 seconds, slowly move the choke lever to the **RUN** position.
8. Let it warm up a little. Once the engine is warm, the idle will smooth out and the minibike will be ready to ride.

NOTE: Extended running with the choke fully on will cause the engine to run poorly and can cause damage to the spark plug and cylinder wall.

BASIC OPERATION

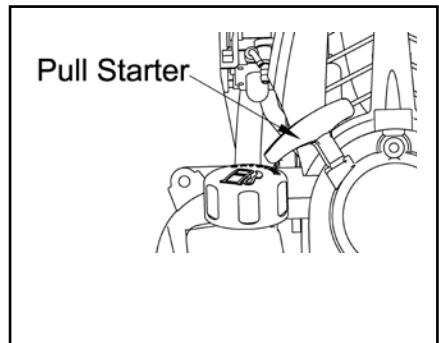
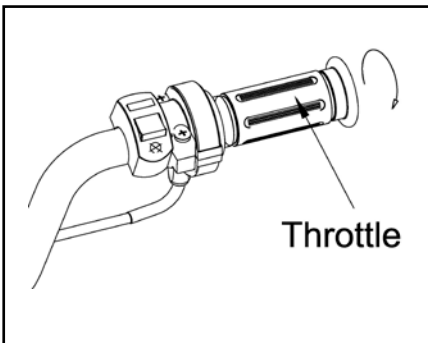
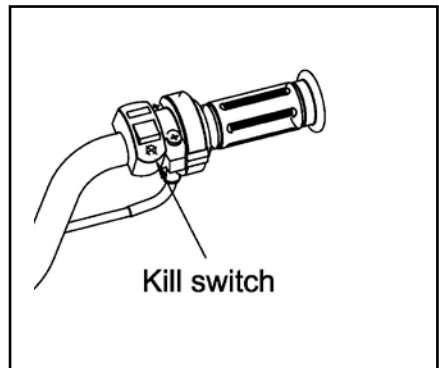
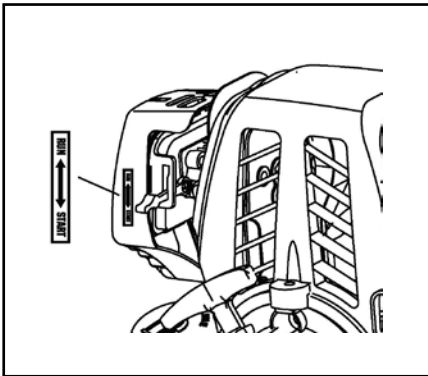
If the engine fails to start after repeated attempts, it may mean that it is flooded with excess fuel. A common indication of a flooded engine is a strong smell of fuel around the minibike. Follow the steps below to clear a flooded engine.

A FLOODED ENGINE

1. Switch the choke lever to the RUN position.
2. Twist the throttle all the way in to the full open position.
3. Move the kill switch to the OFF position.
4. Using the pull starter, crank the engine over 10 or 15 times.
5. Move the kill switch back to the ON position.
6. Start the minibike using the pull starter and NO

STOPPING THE ENGINE

To stop the engine, press the kill switch to the OFF position. The engine will stop.



BASIC OPERATION

BREAKING TECHNIQUE

This section will cover basic braking technique for your minibike. To slow or stop, squeeze the brake lever firmly and smoothly. Gradually increase your braking pressure as you feel it is needed.

Always think ahead and allow yourself enough room to stop safely. Just be careful to apply braking power carefully to avoid sending the minibike into a skid which will cause you to lose control.

If you apply the brake too quickly and start to skid, release the brake to regain control and then apply braking power carefully.

When riding on wet, or loose surface conditions your braking power can be reduced greatly, and it will be much more likely to put the minibike into a skid and lose control. If the surface is wet or loose, you must reduce your speed and allow more room to stop safely.

Avoid jamming on the brake suddenly or accelerating too quickly as either of these actions can cause you to lose control of the minibike.


PARKING AND POST-RIDE INSPECTION

With the minibike stopped, turn off the kill switch, flip down the kickstand and lean the minibike over on it to park. Always park your minibike on a flat surface to avoid tipping over. Then check over the minibike to make sure there are no fuel leaks, oil leaks, damaged parts or loose nuts and bolts.

MAINTAINING YOUR TT40

Keeping your minibike in perfect operating condition is essential to your safety. It is also the best way to protect your investment, get maximum performance, avoid breakdowns and have more fun. To help keep your minibike well maintained, the maintenance schedule on the following page will provide you valuable information that will help you keep your minibike in good and safe operating condition and avoid injury.

The service intervals in this section are based on average riding conditions. More frequent service is needed if you subject your minibike to severe use, riding in unusually wet or dusty conditions.

 DANGER Improper maintenance of this minibike or failing to correct a problem before you ride can cause a crash in which you could be seriously injured or killed. Always follow the inspection and maintenance routines recommended in this manual.

Remember, proper maintenance of your minibike is the responsibility of the owner and failure to do so can cause your warranty to be void.

Note to parents: As a parent, it is up to you to make sure the minibike is properly maintained and in safe operating condition. For youngsters, learning how to take care of any motorized vehicle and perform basic maintenance can be an important part of their riding experience. However, if you allow a youngster to perform or assist in any maintenance task, such as filling the fuel tank, you need to provide close supervision to make sure the task is performed safely.

IMPORTANT SAFETY PRECAUTIONS

Make sure the engine is off before you begin any maintenance or repairs. This will help eliminate the following hazards:

1. Carbon monoxide poisoning from engine exhaust. Be sure you have good ventilation whenever you have the engine running.
2. Burns from hot engine parts. Let the engine and exhaust cool before you touch them.
3. Injury from moving parts. Do not work on the engine while it is running unless instructed by this manual to do so.

Be sure you have all the tools needed and understand the procedure before starting. Always be careful around gasoline. Keep flames and sparks away.

MAINTENANCE SCHEDULE

To keep your minibike safe and reliable when you ride, regular inspections and service is required. Below you will find a maintenance schedule that explains when components need to be inspected or serviced. This information lists items that can be performed with basic mechanical skills and hand tools. In addition, the maintenance schedule will list items that are more involved and could require taking it to your local Service Center. Contact us at info@burromax.com for a service center.

Because your minibike is not equipped with an odometer, service intervals are expressed in terms of riding hours. We suggest that you keep a record of the amount of time you spend riding your minibike to avoid missing needed maintenance procedures.

Note: Your minibike may require more frequent service if you subject your mini bike to severe use or ride in particularly wet or dusty conditions.

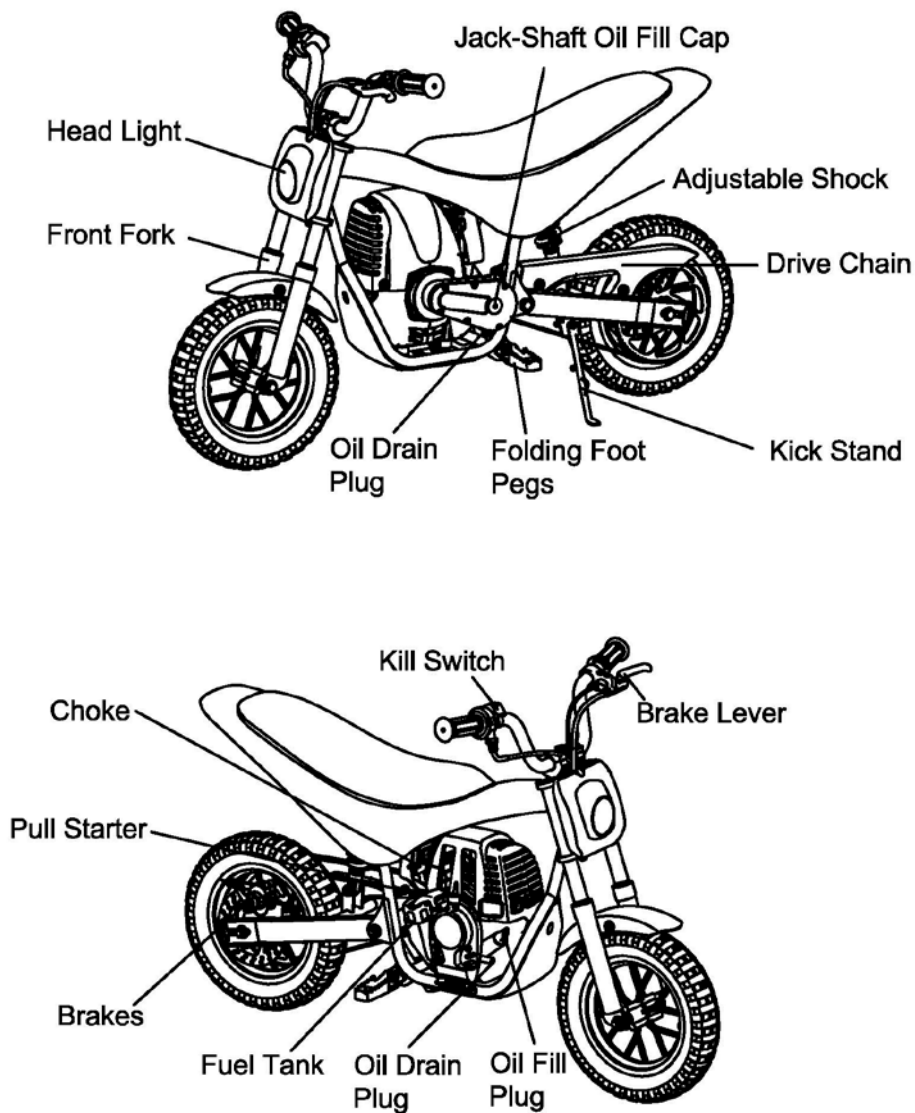
TT40 Maintenance Chart

		Each use	10Hrs	50 Hrs	100 Hrs	300 Hrs
Check Brakes		x				
Check Throttle		x				
Lube, check/adjust chain		x				
Check all nuts and bolts for tightness		x				
Engine Oil 110ML	Check	x				
	Replace		x	x		x
Jack-Shaft Oil 30ML	Check					
	Replace		x	x	x	x
Air Filter	Check	x				
	★Clean			x		
	★Replace					x
Spark Plug	★Clean/Adjust				x	x
	★Replace					x
Check/Adjust Idle Speed						x
★★Check/Adjust Valve Clearance						x
★Clean Fuel Tank and Filter						x
Check Fuel Tube						x

- ★ Can be performed by owner with proper tools and knowledge, otherwise consult a service center.
- ★★Recommended to be performed by service center.

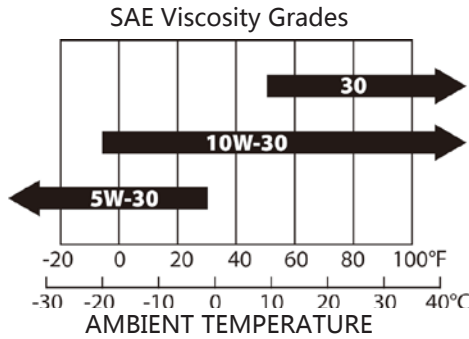
Contact us at info@burromax.com for a service center.

Component Locations



Basic Maintenance Procedures

SAE 10W-30 is recommended for use in most climates. See the oil/air temperature chart to help you choose the best oil for your climate:



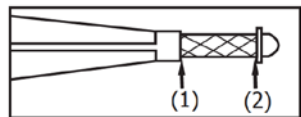
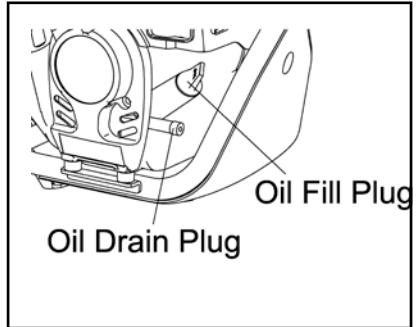
⚠ DANGER

Your mini-bike does not need oil additives. Only use the recommended oil. Do not use oils with graphite or molybdenum additives or oils displaying the API circular logo that is labeled "energy conserving". These engine oils may adversely affect engine performance

Checking and Adding Oil

Engine Oil

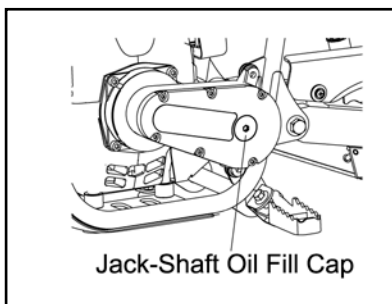
1. Park the dirt bike on a firm level surface.
2. Clean around the oil fill cap and any nearby surfaces.
3. Unscrew the oil fill plug and wipe it clean.
4. Hold the minibike upright so that it is not resting on the kick stand.
5. Insert the oil fill cap back into the engine until it seats, but do not screw it in.
6. Remove the oil fill cap and check the oil level. If the oil level is at or near the upper mark (1), you do need to add oil. If the oil level is below or near the lower level mark (2), add the recommended oil until it reaches the upper level mark (1). **Do not overfill.**
7. Insert the oil fill cap and screw it in tightly.
8. Start the engine and check for oil leaks.



Basic Maintenance Procedures

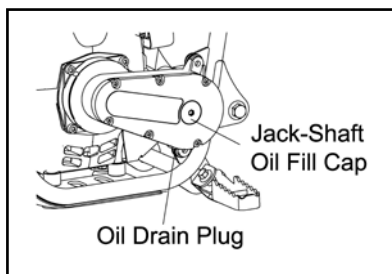
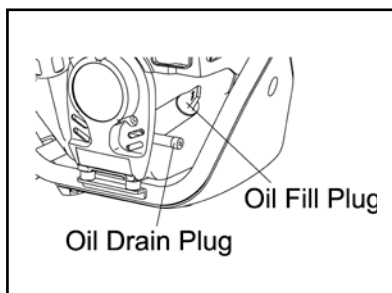
Adding Jack-Shaft Oil for the first time

1. Park the dirt bike on a firm level surface.
2. Clean around the oil fill cap.
3. Unscrew the oil fill plug using an 8mm hex wrench and wipe it clean.
4. Hold the minibike upright so that it is not resting on the kick stand.
5. Fill with the recommended amount of oil.
Do not over fill
6. Insert the oil fill cap back into the jack-shaft housing and tighten.



Changing Engine and Jack-Shaft Oil

1. Park the minibike on a firm level surface.
2. Remove the oil fill cap/dipstick.
3. Place an oil drain pan under the engine/jack-shaft housing.
4. Unscrew and remove the oil drain bolt.
5. Lean the minibike towards the drain plug to make sure all oil drains out.
6. Examine the sealing washer for damage and replace if any damage is present.
7. Install the oil drain bolt and tighten. Be careful not to over tighten drain plugs.
8. Pour the recommended oil into the engine or jack-shaft housing and fill until the oil level is correct. The jack-shaft does not have an oil level check, you must drain and add the correct amount. (1oz / 30 ml)
9. Install the oil filler cap/dipstick and tighten securely.
10. Start the engine and let it run for a minute or two.
11. Shut off the engine and check the engine oil level, add oil if needed. Do not overfill.
12. Check for any oil leaks.
13. Dispose of waste oil in an approved manner



NOTICE

The jack-shaft does not have an oil level check. You must drain out and refill with the correct amount. (1oz / 30 ml)

Basic Maintenance Procedures

Air Filter

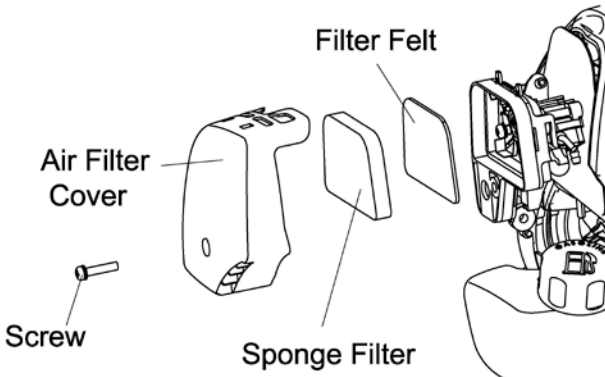
A dirty, clogged air filter will inhibit the performance of your TT40 minibike, so it is important and quite easy to check and clean it periodically. Burromax recommends that the air filter gets checked every month and cleaned at least every three months. More frequent cleaning may be required if you tend to ride in extremely dusty or dirty conditions.

To check and clean the filter it must be removed from the engine. To do so, locate the air filter housing which is the square black plastic unit on the back of the engine, just above the pulls starter unit and behind the choke lever.

Remove the center screw that holds the air filter cover in place and pull the cover from the engine. Pull out the foam filter element with your fingers and inspect for dirt and debris. You can clean the foam element with forced air, being careful not to tear it. Or you can wash it with soap and water. Be sure to dry it thoroughly before replacing it by squeezing all the water out and letting it air dry completely.

Note: Do not use gasoline to clean the air filter.

Once the air filter is completely dry, you can reinstall it into the housing and tighten the center screw that holds the housing in place.

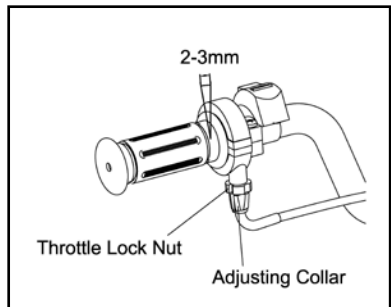


Throttle Free play

Throttle Free play - 1/16 - 1/8 inch (2 - 3mm)

1. Find throttle cable lock nut and adjusting sleeve, located on the throttle twist grip
2. Loosen the lock nut so sleeve can freely turn.
3. By hand, turn the adjusting collar to obtain the proper throttle free play.
4. Tighten lock nut.
5. Check the throttle for smooth rotation from fully open to fully closed in all steering directions.

Note: The throttle should turn freely and return to idle position on it own when released.

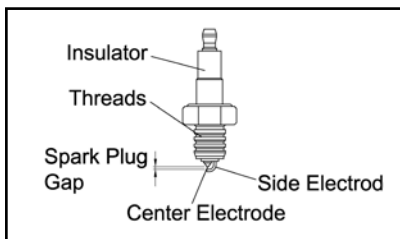
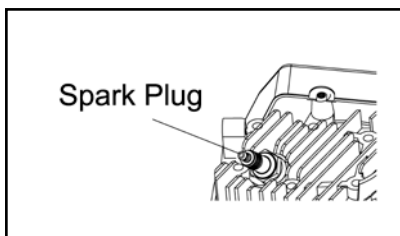
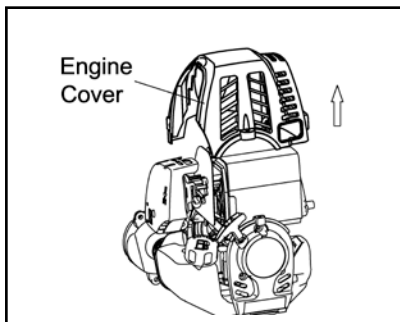


Basic Maintenance Procedures

Spark Plug Maintenance

A fouled (dirty) spark plug can cause your minibike to run poorly and lose performance. Follow the steps below to inspect, clean and/or replace the spark plug if needed.

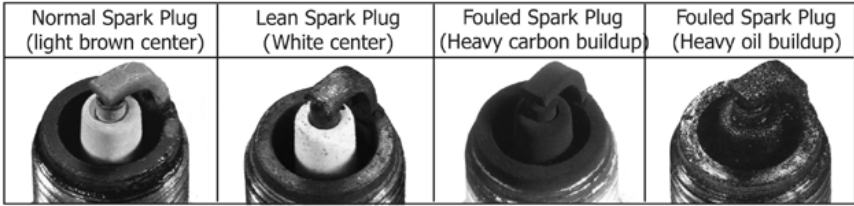
1. To access the spark plug you must first remove the plastic engine cover.
2. Remove 3- Phillip head screws. 2- on the left side and 1- on the right side of the cover.
3. Slide the engine cover off thru the right side of the mini bike.
4. Clean any dust and dirt from around the spark plug base.
5. Disconnect the spark plug cap.
6. Remove the spark plug using a 16mm socket or wrench.
7. Using the photos below for reference, examine the plug to determine its cleanliness. If the plug is a normal color, go on to step 9. If the plug is fouled (dirty), go to step 8.
8. Using a moderate grit sandpaper (220-400), sand between the center electrode and the side electrode until all carbon and oil deposits are removed. Burmax recommends that you use a spark plug cleaner or a new spark plug if the plug is very dirty.
9. Inspect the spark plug electrodes for wear. The center electrode should have square edges. The side electrode should not be eroded at all. The insulator should not be cracked or chipped. Replace the plug with an CMR5H (NGK) spark plug or equivalent if any electrode wear and/or cracks are present.
10. Check the spark plug gap using a spark plug gapper. Gappers can be purchased at your local auto parts store. The spark plug gap should be .030 in (0.7mm). Always check the gap of a new spark plug before you install it.
11. Be sure all dirt has been cleaned from the threads. Install the spark plug by hand. This will prevent stripping and/or cross threading of the threads. Use a 16mm socket or wrench to securely tighten the spark plug. Do not over or under tighten the spark plug.
12. Reinstall the plastic engine cover. Make sure engine kill switch wires are securely in place. Reinstall the 3 screws and tighten.



⚠ DANGER *Improperly tightened spark plugs can damage the engine. Too loose, you can burn a hole in the piston. Too loose/tight, you can damage the threads of the engine.*

Basic Maintenance Procedures

Spark Plug Maintenance

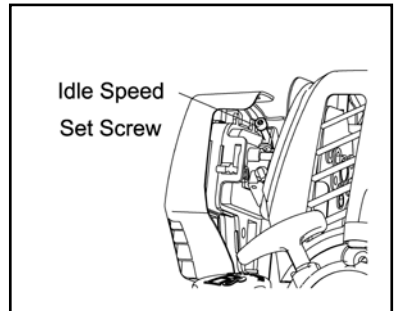


When you inspect the spark plug, generally it will fit into one of the four categories shown above. A normal/clean spark plug will have a light brown center and displays no wear around the electrodes. A spark plug with a bright white center indicates a lean condition in the engine. If your plug looks like this, have your minibike serviced. A carbon fouled plug will be completely black with no gloss. An oil fouled plug will appear a dark shiny brown or shiny black as shown above. An oil fouled plug is caused when the engine oil seeps by the piston ring and is burned with the fuel. Oil fouled plugs are not uncommon, however, if your minibike is consistently oil fouling spark plugs, **Contact us at info@burromax.com for a service center.**

ADJUSTING THE IDLE SPEED

The idle speed is the RPMs of the engine when it is at idle, or not being accelerated. If the idle speed is too low the engine is running to slowly and can die when you are stopped. If the idle speed is too high the minibike won't stay still when idling and may try to move forward.

To adjust the idle speed, locate the idle speed set screw that is behind the air filter housing on top of the carburetor. Using a flat or Philips screwdriver and with the engine running, turn the screw in (clockwise) to raise the idle speed and out (counter-clockwise) to lower the idle speed



⚠ DANGER

Be sure to have a friend hold the minibike brakes while you adjust the idle speed, so it doesn't move forward unexpectedly.

Basic Maintenance Procedures

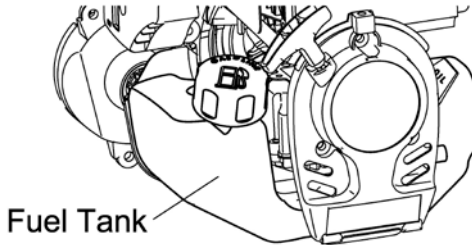
CLEANING THE FUEL TANK

The fuel tank on the TT40 must be kept clean to keep the engine running smoothly and efficiently. Over time, sediment can build up in the tank and get caught in the inner workings of the carburetor causing clogs and poor performance. To help avoid contamination and sediment build-up be sure to always wipe off the area around the fuel cap before you open it, and the spout of your fuel container before pouring in fuel.

remove the cap and pour out the contents.

Add some clean fuel, replace the cap and swish it around a little. Then remove the cap and pour it out.

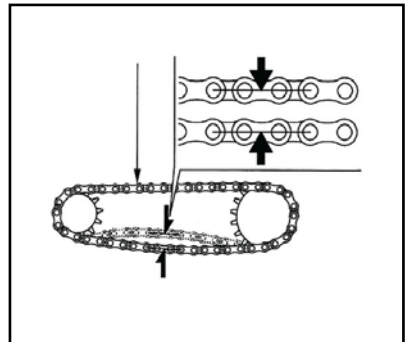
Re-fill the tank with clean fuel and replace fuel cap



DRIVE CHAIN MAINTENANCE

The drive chain needs periodic maintenance to protect it from premature wear and from coming off while riding if it becomes too loose. The drive chain should have a little bit of slack in it, approximately 1/4" movement in either direction or about 1/2" total movement.

With the engine off, locate the drive chain behind the chain guard on the right side of the scooter. Press on it from the top to see how much slack is in the chain. If it has more than 1/2" of movement then your chain is probably too loose.



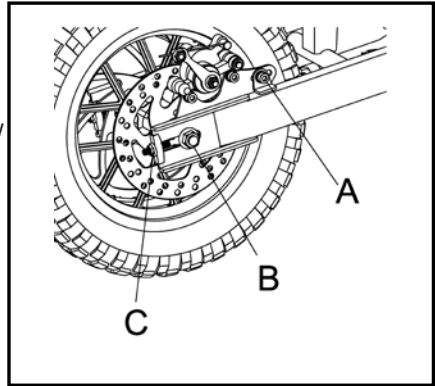
Basic Maintenance Procedures

To adjust the tension of the chain

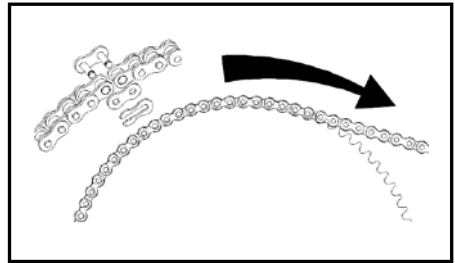
1. loosen the rear axle nut. (B)
2. Loosen the brake mount bolt. (A)
3. Using a 10mm open end wrench, screw the adjuster nuts (C) in (clockwise) a few flats at a time.

Be sure to adjust the same amount on Both adjuster nuts to keep the rear wheel straight. Check the tension on the chain again, and repeat as necessary until the chain feels right, $\frac{1}{2}$ movement.

Tighten the axle nuts on both sides to hold it in place. Rotate the wheel and recheck chain tension after axel nuts are tightened



To lubricate the chain, raise the rear of the scooter up onto a block or platform so that the rear wheel spins freely. Then using one hand, spin the rear wheel while spraying lube onto the drive chain. Any standard lube will work, but do not use a lube with a degreaser in it, like WD40 because it tends to dissolve the lube that is inside the rollers, shortening the life of your drive chain.



BRAKES

Your Burromax TT40 Gas Minibike comes equipped with a mechanical rear disc brake for sure stops. It is important to be sure that the brake is working properly before each ride. Checking functionality is simple and only takes a few seconds.

Before starting the engine, squeeze the brake handle while trying to roll the minibike forward. The break lever should feel firm and should not touch the handle grip before the brake engages. If the brake lever squeezes too far and feels soft, it is probably time to adjust your brake.

Basic Maintenance Procedures

With the engine off, locate the adjuster barrel on the brake lever

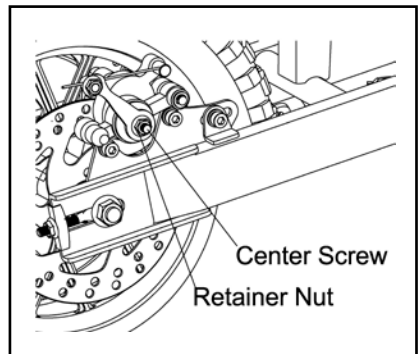
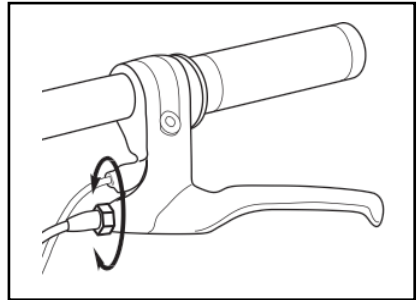
To tighten the brake, screw the barrel adjust out, or counter clockwise so it is moving away from the lever. This lengthens the cable housing and makes the brake activate quicker when pulled.

Make sure when you check the brake after adjusting so that you don't over tighten and cause it to drag when not applied.

Once you have the brake adjusted the way you want it, tighten down the stop nut on the barrel adjuster, turning it clockwise or toward the brake handle. Turn the stop nut as tight as you can with your fingers. Do not use tools to tighten the stop nut.

If you can't get enough adjustment on the barrel adjuster, you may have to make an adjustment at the caliper end, or at the wheel.

1. Reset the cable barrel adjuster. Turn all the way in counter clock wise to loosen the cable
2. locate the retainer nut at the center of the actuator arm on the brake. Loosen retainer nut using an 8mm wrench so that the center screw can be adjusted.
3. Use a 2.5mm Allen wrench to turn the center screw clock wise until you feel pressure on the brake, then turn screw counter clockwise $\frac{1}{2}$ turn to loosen pressure. Tighten retainer nut.
4. Readjust barrel adjuster on brake lever as described above until the brake is working smoothly and firmly without dragging.



NOTE: It maybe necessary to remove the master link in the rear chain. This will allow you to spin the rear wheel and properly feel the brake for drag. make sure you reinstall the master running the proper direction. See page 22.

Basic Maintenance Procedures

Primary chain housing Maintenance

The primary chain jack-shaft housing is a sealed unit with a drive chain running in an oil bath. This unit requires periodic oil change.

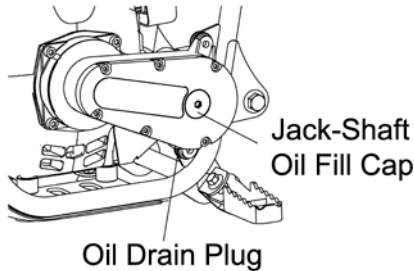
There is a self adjusting spring loaded chain adjuster for maintenance free chain life.

To service the primary drive jack-shaft

You must remove the drain plug on the bottom of the inner housing. Allow the old oil to be drained out. Reinstall the drain plug and tighten. Be careful not to over tighten or cross the threads. This could cause damage resulting in a leak.

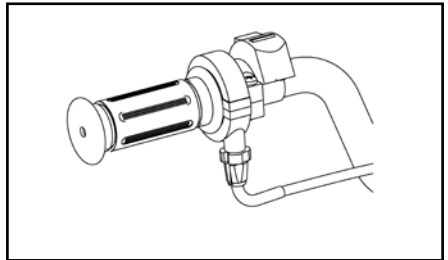
Remove the side cover plug and pour in 1 oz (30ml) of 10w30 engine oil.

Reinstall side cover plug being careful not to over tighten.



THROTTLE OPERATION

Your Burromax TT40 Gas Minibike utilizes a twist throttle for ease of use and safe operation. The twist throttle is a low-maintenance unit; however, it is important to be sure that it is working properly before riding. The twist throttle should return to idle position after accelerating when you let go of it.



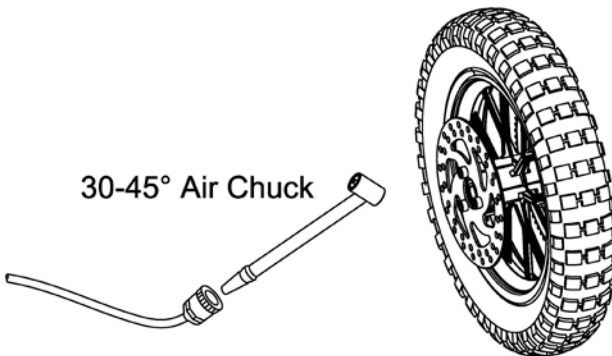
Before you start your minibike, it is always important to check and make sure that the throttle works freely returns to idle position. If it sticks when released it could lead to a very dangerous situation where you or those around you could be injured or killed.

Basic Maintenance Procedures

TIRES

A tire blowout can lead to a dangerous situation, not to mention being very inconvenient. It is important to inspect your tires before you ride.

- Inspect both tires for bumps and bulges in the sidewall and tread.
- Look closely for cuts or other damage.
- Inspect both tires for embedded objects like glass, nails or sharp rocks that you may have picked up.
- Inspect the tread depth of your tires and replace them if the depth drops below a tenth of an inch, or if you notice a serious reduction in traction.
- Check for the position of the valve stem. A tilted valve stem can mean that the tube is slipping inside the tire and can cause a blowout.
- Be sure that both tires are inflated to 30-40 PSI. If you use a high-powered air hose, like those found at a gas station or tire shop, inflate carefully as the small tires on the TT40 minibike will inflate very quickly and could explode if they are severely over inflated.
Use an air chuck as shown below to ease inflating the tires.



TROUBLESHOOTING

ENGINE WON'T START

1. Is the kill switch in the ON position (see page 7)
2. Is there fuel in the tank (see page 6)
3. Is the engine flooded (see page 11)
4. Check the choke lever, is it on (see page 11)
5. Remove and inspect the spark plug, is it fouled (see page 20)

If none of these suggestions help, contact us at info@burromax.com for your local service center.

ENGINE RUNS SLUGGISH

1. Is the fuel you are using new (see page 6)
2. Is the air filter clogged (see page 18)
3. Is the choke on (see page 11)
4. Is the brake dragging (see page 23)
5. Is the throttle working properly (see page 24)

If none of these suggestions help, contact us at info@burromax.com for your local service center.



The TT40 utilizes a 4 stroke engine.

Use only regular pump 87 octane gas. Never mix Oil in the Gas it will severely affect the running of your mini bike. Poor running, Hard starting Fouled spark plug, excessive carbon build up will be the result of mixing the oil and gas together

PRODUCT WARRANTY

Burromax Limited Warranty

The manufacturer warrants this product to be free of manufacturing defects for a period of 90 days from date of purchase. This Limited Warranty does not cover normal wear and tear, tires, tubes, cables or any damage, failure or loss caused by improper assembly, maintenance, or storage or use of these products.

This Limited Warranty will be void if the product is ever:

- used in a manner other than for recreation or transportation;
- modified in any way;
- rented.

The manufacturer is not liable for incidental or consequential loss or damage due directly or indirectly to the use of this product.

Burromax does not offer an extended warranty. If you have purchased an extended warranty, it must be honored by the store at which it was purchased. For your records, save your original sales receipt with this manual. For warranty inquiries **Call toll free 1-800-742-1189 or contact us at info@burromax.com**

All Warranty request will be evaluated by Burromax and final determination will be made at our sole discretion.

OWNER'S WARRANTY RESPONSIBILITIES

As the vehicle owner, you are responsible for the performance of the required maintenance. You should maintain a record of all maintenance performed your vehicle and retain all receipts covering maintenance on your vehicle. You may not be denied a warranty claim solely because of your failure to ensure the performance of all scheduled maintenance or lack of maintenance records or receipts. As the vehicle owner, you should be aware that you may be denied your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

For any issue regarding your Burromax product, call toll free 1-800-742-1189 or contact us at info@burromax.com

EMISSION CONTROL WARRANTY

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The manufacturer warrants that each new 2017 and later vehicle:

- is designed, built and equipped to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency.
- is free from defects in material and workmanship which cause such vehicle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for the periods specified below.

The emission control system warranty period for this vehicle is 30 months, which applies to the owner and each subsequent purchaser, begins on the date the vehicle is delivered to the first purchaser provided there has been no modification, abuse, neglect or improper maintenance of your vehicle. Where a warrantable condition exists, the manufacturer will repair your vehicle at no cost to you, including diagnosis, parts and labor. This is your emission control defects warranty.

EMISSION CONTROL WARRANTY INFORMATION

Your emission control system warranty covers components whose failure would increase an engine's emission, including electronic controls, carburetor, the ignition system, or any other system utilized in this vehicle to control emission if it is originally equipped. Also included may be hoses, connectors and other emission-related assemblies. Replacing or repairing other components (including parts, labor, and other costs) not covered by this emission control system warranty or the standard warranty is the responsibility of the owner.

Coverage of repairs under this emissions warranty applies when repairs are completed at a dealer repair facility or person of the owner's choosing for the maintenance, replacement or repair of emissions-related devices. The Distributor will not cover repairs performed outside of an authorized dealer or repair facility. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your vehicle's emission control system. If such a replacement part is used and an authorized dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your vehicle into compliance with applicable standards may be denied.

MODIFICATION OF ANY EMISSION CONTROL COMPONENT OR SETTING IS STRICTLY PROHIBITED BY LAW AND CAN RESULT IN SUBSTANTIAL PENALTIES AND FINES.

THIS EMISSION CONTROL SYSTEM WARRANTY IS IN ADDITION TO THE STANDARD PRODUCT WARRANTY.

EMISSION CONTROL WARRANTY

EMISSIONS CONTROL WARRANTY EXCLUSIONS AND LIMITATIONS

This warranty does not cover the following:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse or the use of leaded gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached.

Expendable maintenance items include but are not limited to spark plugs, filters and lubricants.

- Replacement of parts and other services and adjustments for required maintenance.

- Repairs or replacements as a result of

- Accident

- Misuse

- Use of replacement parts or accessories not conforming to the original specifications which adversely affect performance

- Physical damage, corrosion, or defects caused by fire, explosions or similar causes beyond the control of the Distributor.

- Failures not caused by a defect in material or workmanship.

- Use of this vehicle in any type of competitive racing, rental or any commercial use completely voids this and all other warranties.

LIMITED LIABILITY

The liability of the manufacturer under this Emission Control System Warranty is limited solely to the remedying of defects in material workmanship by an authorized dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the vehicle or transportation of the vehicle to/from the authorized dealer. The Distributor is not liable to any person for incidental, consequential or special damages of any description, whether arising out of express or implied warranty or any other contract, negligence or other tort or otherwise.

No express emission control system warranty is given by the manufacturer except as specifically set forth therein. Any emission control system warranty implied by law, including any warranty of merchantability or fitness for a purpose is limited to the express emission control system warranty terms stated in this warranty.

The foregoing statements of warranty are exclusive and in lieu of all other remedies. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply if it is inconsistent with the controlling state law.

No dealer is authorized to modify this Emission Control System Warranty. If you have any questions regarding your warranty rights and responsibilities, you should contact Burromax at info@burromax.com or by calling 1-800-742-1189

Product Registration

Name _____ Age _____

Address _____

City _____ State _____

Zip _____

Home Phone _____

Work Phone _____

Email _____

Purchase Date _____ Purchased from _____

Serial Number _____

Male/Female Rider? _____

Is this your first **Burromax** product? _____

Other similar product owned before _____

How did you hear about the Product? _____

REDGISTER ONLINE AT

WWW.BURROMAX.COM

WE WELCOME YOUR COMMENTS AND SUGGESTIONS FOR
BURROMAX PRODUCTS

Burromax Gas-Powered Dirt Bike

