



MMB80

Mini Bike



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MADE IN CHINA

Owner's Manual

This operators manual contains important safety information and maintenance information. Read it carefully before using this vehicle. Failure to follow the warnings contained in this operators manual could result in INJURY or DEATH.

Keep this manual in a safe place. It is very important that this owners manual be reviewed by any rider and it should be considered a permanent part of the mini bike and should remain with the vehicle when transferred to a new owner.

This manual contains the latest product information available before printing. Due to improvements or production changes, there could be discrepancies. Monster Moto LLC (Monster Moto) reserves the right to make changes at any time, without notice and without obligation to make the same or similar changes to any vehicle previously built or sold.

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Warranty Information

Congratulations on your decision to purchase a Monster Moto Power Sports product! We are gratified that you have chosen a Monster Moto product, and we are dedicated to supporting your successful and safe power sports recreation experience!

We are grateful for your business, and in order to assure your quality experience, please review and make note of the following warranty related issues:

KEEP YOUR RECEIPT: Proof of purchase will be required to substantiate any warranty claim.

WHAT IS COVERED: Monster Moto warrants to the original retail purchaser of this Product that this Product is free from defects in material or workmanship and agrees, at Monster Moto's discretion, to either repair, provide replacement parts for, or replace (without charge or labor) any product component having a material defect for a period of ninety (90) days from the date of purchase, except as limited below. Monster Moto may require the purchaser to return to Monster Moto, at their expense, the part claimed to be defective for Monster Moto's inspection, at which time the returned parts or product become property of Monster Moto. This product is also covered by an Emissions Control System Warranty which is separate from and in addition to this warranty.

WHAT IS NOT COVERED: This warranty does not cover any conditions caused by misuse, neglect, negligence, accident or operation in any way contrary to the operating instructions located in the operator's manual. Normal wear, alteration, modification, improper or inadequate maintenance, or use of unauthorized replacement parts or service provided by anyone other than an Authorized Monster Moto Service Center are not covered under this warranty. This warranty does not cover products used for rental or commercial purposes or used in competition, nor does it cover transportation costs for warranty service. Without limiting the above, this warranty is VOID with respect to any product that has sustained damage resulting from impacts, accidents, jumping, or any other uses considered outside of the scope of normal and safe operation.

LIMITATIONS OF LIABILITY: This Warranty is non-transferable after the Product's initial sale. No unapproved modifications can be made to the Product, its performance or otherwise, in order for this Limited Warranty to remain in effect. No reimbursement is provided for towing, loss of time, loss of use, inconvenience, incidental or consequential damages. This Limited Warranty covers only parts and labor due to manufacturer defect. This Warranty does not cover minor surface blemishes, rips, tears, or other cosmetic damages due to normal use, or other intentional or unintentional damage to Product. This Limited Warranty will not cover any damage which results from the application of improper cleaners, solvents or chemicals to the Product, or from smoke or soot, or from exposure to saltwater, sea breeze or salt. This Limited Warranty will not cover any damage resulting from product storage in the elements. This Limited Warranty does not cover improper repair or misdiagnosis of problem.

OWNER'S RESPONSIBILITIES As the vehicle owner, you are responsible for performing required maintenance and maintaining a record and all receipts for maintenance performed on your mini bike. Your warranty claim may be denied 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 may be denied your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

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Introduction

Your Monster Moto dirt bike was designed as a recreational mini bike for off-road use only and by a single rider. This mini bike is ideal for younger riders with basic experience.

Avoid operating this vehicle on paved surfaces including, but not limited to highways, parking lots, sidewalks and driveways. Never operate this or any designated off-road vehicle on a public street, road or highway where it will be in violation of local traffic laws and restrictions.

Before riding, please take your time to get acquainted with your dirt bike 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 manual. In this manual you will find helpful safety information, instructions, facts, and helpful tips. To make it easier to use, there is a table of contents at the beginning.

As you read through this manual you will find information that is preceded with a **NOTICE** symbol. This information is intended to help you avoid damage to your dirt bike and property around you. This manual covers basic maintenance procedures.

Read the warranty page carefully so that you understand the coverage on your dirt bike and are aware of your rights and responsibilities.

Whenever you ride, tread lightly by staying on established trails and in approved areas. Protect the environment and keep off-road riding areas open for future use.

If you have any questions or you need any special service or repair, remember that your Monster Moto dealer knows your mini bike best and will be dedicated to your complete satisfaction. Replacement parts and technical support can be obtained online at www.monstermoto.com or through phone at 855-833-6483. Please be sure to register your Monster Moto product and notify us of any address changes so we may contact you in the future with any important product information.

You can also visit our website at www.monstermoto.com to view service videos and information about all Monster Moto Products.



Important Safety Information

Your personal safety, and the safety of those around you, is extremely important. Operating this mini bike safely is an important responsibility.

Monster Motor has provided operating procedures and other information on labels and in this manual to help you make informed decisions about safety. 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 operating and maintaining a mini bike. You must use your own good judgment.

Safety information will come in a variety of different forms, including:

- **Safety Labels** on the **mini bike**
- **Safety Messages** preceded by a safety symbol  and one of these three signal words: **DANGER, WARNING or CAUTION.**

Below are the definitions of these three words:

 **DANGER** You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.

 **WARNING** You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.

 **CAUTION** You **CAN** be **INJURED** if you do not follow instructions.

- **Safety Headings** such as important safety reminders and/or precautions.
- **Safety Section** such as mini bike safety.
- **Instruction** how to use the mini bike safely and correctly.

This entire manual is filled with important safety information - please read it carefully.

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Important Safety Information

A mini bike can provide many years of service and pleasure, provided you take responsibility for safety, properly maintain your mini bike and understand the challenges you may encounter while riding.

This mini bike has been designed for younger riders. However, not all youngsters meet the physical and emotional levels that are needed for riding. Before parents allow any children to ride this mini bike, we strongly recommend that both of you read this entire manual so you are fully informed before deciding if your children are ready to ride. Listed below are some of the most important safety measures one should take when riding.

⚠ DANGER Never Ride Without a Helmet The following statement is a proven fact: "Helmets significantly reduce the number and severity of head injuries." Never ride your mini bike without a helmet. Even a crash at slow speed can result in a fatal head injury if you are not wearing a helmet. Monster Moto recommends wearing helmets that have been certified for safety by helmet testing organizations whom are independent from the helmet manufacturer. We also recommend that you wear eye protection, boots, gloves, and other protective gear such as off-road riding pants.

⚠ WARNING Never Carry a Passenger This mini bike has been designed for ONE rider only. There are no passenger pegs, footrests, handles or seat room for a passenger. Riding with a passenger can interfere with your ability to operate and/or control the mini bike and may result in serious injury or death.

⚠ WARNING Ride Off-Road Only This mini bike has been designed and manufactured for off-road use only. The mini bike is not equipped with lights, turn signals, horn and other features required to drive a mini bike on public roads. The tires are not designed for pavement and will make the mini bike unstable if it is ridden on pavement. If you have to cross a paved road, dismount and walk the mini bike across the road.

⚠ WARNING Ride Within Your Limits Never attempt to ride your mini bike in a manner that is beyond your skill level. It takes time to learn off-road riding skills. Learn to ride your mini bike step by step. Start by practicing on safe terrain at slow speeds and gradually build your skill level. Instruction from an experienced rider(s) is highly recommended. Alcohol, drug use, and fatigue will reduce your ability to make good decisions and ride safely. Monster Moto does not recommend minibike usage when influenced by alcohol or drug use or when fatigued.

⚠ WARNING Be Alert for Hazards The terrain in which you ride can present many hazards. Always "scan" the terrain ahead of you continually. Watch for unexpected turns, drop-offs, ditches, rocks and other hazards. Always maintain a speed slow enough to allow you enough time to see and react to hazards.

⚠ DANGER Do Not Drink and Ride Even one drink can impair your ability to ride a mini bike safely. Each drink afterward will make the impairment worse. Do not drink and ride. Do not let your friend's drink and ride. Remember, in most states throughout the United States, you can be arrested and charged with Driving Under the Influence (DUI) if you are riding a mini bike while intoxicated. This applies to off-road mini bikes as well.

Important Safety Information for Parents

As a parent, your child's safety is your first priority. Riding an off-road mini bike is very fun. However, just like riding a bicycle, bad decisions can result in injury. 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 decide if he/she is capable of riding. Riding readiness can vary tremendously from one person to another. Age and size are not the only factors that help determine one's riding readiness. There are three other factors that you should also consider before deciding if your child is ready to ride.

First, consider **physical ability** of your child. Riders must be able to hold the mini bike up, get on, and sit comfortably with both feet on the ground. The rider must also be able to reach all of the controls on the handlebars and work the brakes. Second, consider your child's **athletic ability**. Your child should be good at riding a bicycle before riding a mini bike. Determine if your child can judge speeds and distances while riding a bicycle and react with the proper hand and foot actions. Any person who does not have good coordination, balance, and agility should not ride this mini bike.

Finally, determine your child's level of **mental and emotional maturity**. It is imperative that you are honest with yourself when you ask yourself the following questions: Does your child think through problems and come to logical conclusions? Does your child obey your rules when they ride their bicycle? If your child makes bad judgements, takes unwarranted risks and/or does not obey your rules, they should not ride this mini bike.

If you have decided that your child is ready to ride, please remember the following points and never let your child ride without a helmet. It is up to you (parent) to ensure your child's safety, even if they learn to ride from another experienced adult. Never push your child to try things faster than they are willing or capable of doing. Always supervise your child when they are riding and regularly remind them about safety rules. As a parent it is your responsibility to be sure that the mini bike is properly maintained and kept in safe operating condition.

Modifying this mini bike or using parts not manufactured by Monster Moto can make your mini bike unsafe. Before you consider making any modifications or adding an accessory, please read the following information carefully.

⚠ WARNING Improper accessories or modifications can cause a crash in which you can be seriously hurt or killed. Follow all instructions in this owner's manual regarding modifications and accessories.

Monster Moto strongly recommends that you do not remove any original equipment or modify your mini bike in any way that may alter the design and/or operation. Such a change could drastically impair the stability, handling, acceleration, and braking capabilities of the mini bike and cause a crash. We also strongly suggest that you do not make any modifications to the exhaust system components.

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Operating Controls and Component Locations

When you ride a mini bike off-road, you need to be able to operate the throttle, brakes, and other controls without stopping to look at them. Please read this section carefully before you ride your mini bike. This section of the manual will describe the function, location, and operation of all the basic controls of your mini bike.



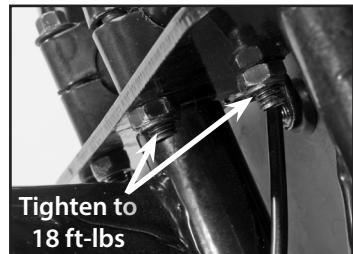
Attaching The Handlebars

Your Monster Moto MMB80 is shipped with the handlebars NOT bolted on.

To attach the handlebars follow the steps below:

1. After unpacking your mini bike, place it on the side stand on a flat level surface.
2. Unscrew the screws from the handlebar clamps and set aside. Remove upper clamp.
3. While sitting on the bike, place the handle bars in the lower clamp in a comfortable position, being careful to center in the clamps.
4. Replace upper clamps and bolts and tighten to 18 foot lbs with the wrench provided.

Top View
Handlebar
Clamps



Operating Controls

Engine Stop

The engine stop switch is used to turn off the engine. When the switch is in the "OFF" position it will remove the spark from the ignition system. To start and ride the mini bike, push the small red button (top). ↻ This is the "RUN" position. To shut off the engine, push the large red button (bottom). This is the "OFF" position. ✕



Fuel Valve

The two way fuel valve is used to control the flow of fuel from the gas tank to the carburetor. The valve is located under the gas tank. Turning the fuel valve to the "ON" position before starting the engine allows fuel to flow from the tank to the carburetor. Turning the fuel valve to the "OFF" position after shutting off the engine stops the flow of fuel from the gas tank to the carburetor. Always keep the fuel valve in the "OFF" position when you are not using the mini bike.



Choke Lever

The choke lever is used for starting the engine when it is cold or when you live in a cold weather climate. It is located above the air filter on the back of the engine. The choke lever increases the amount of fuel in the air/fuel mixture that is delivered to the engine. See the photo to the right. "Start" - Choke Fully ON "Run" - Choke Fully OFF



Throttle

The throttle controls the speed of the engine. To increase engine speed, twist the throttle grip toward you. To reduce engine speed, twist the throttle grip away from you. The throttle is spring loaded and will return to the closed position (engine idle) when you remove your hand.



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Operating Controls

Rear Brake Lever

The brake lever is used to apply the brake to the rear wheel and will slow or stop the mini bike. When you pull back on the lever, brake fluid is forced into the brake caliper causing the caliper to close on the brake disc. The amount of force that you use when pulling the brake lever will determine how much braking power is applied. To release the rear brake, release the brake lever.



Pull Starter Cord

The Pull Starter Cord is used to start the engine and has a recoil mechanism to retract the cord after the engine has been started. It is located on the right side of the mini-bike, directly below the front of the seat.



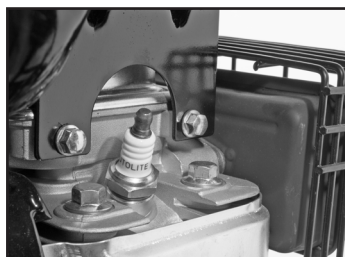
Air Filter

The air filter is used to keep dirt and large objects out of the engine's air supply. It is located at the rear of the engine under the air filter cover. Examine the filter before each ride to be sure it is not dirty and/or full of debris. You may also use air filter oil (usually in spray cans) to keep the filter flowing properly.



Spark Plug

The spark plug is used to produce the spark that fires the engine. You should never touch the spark plug when the engine is running or you will be shocked. Please refer to the [Basic Maintenance Procedures](#) section of this manual for detailed instructions on cleaning and replacing a spark plug.



Operating Controls

Kick Stand

The kick stand is used to support the mini bike when it is parked. To operate, use your foot to lower the stand. Always raise the stand before riding.



Brake Mechanism

The MMB80 mini bike is equipped with a rear disc brake. It provides power to safely bring the mini bike to a stop. It will also hold the mini bike at a stop if the engine is running. Refer to the [Basic Maintenance Procedures](#) section for brake adjustment instructions.



Chain Tensioner

The Chain Tensioner is located on the frame, near the rear wheel on the frame. It is used to maintain proper chain tension. The adjustment screw will increase or decrease the slack on the chain. Please see [Basic Maintenance Procedures](#) to understand how to determine proper chain tension and for instructions to make adjustments to maintain proper tension.



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Before Riding

Before you ride, you must be absolutely sure that you and your mini bike are ready to ride. To help you get prepared, this section of the manual will discuss how to evaluate your riding readiness and how to perform our recommended pre-ride inspection of your mini bike. If you are a parent, please be sure you have read the section Important Message to Parents on page 4.

Are you Ready to Ride?

Before you ride your mini bike for the first time, we strongly recommend the following:

1. Completely read this manual.
2. Be sure you have read and understand all of the safety messages and labels.
3. You know how to operate all of the mini bike's controls.

Before each ride, we also strongly recommend that you:

1. Are in good physical and mental condition.
2. Are free of alcohol and other drugs.
3. Are wearing an approved mini bike helmet with a tight chin strap, eye protection and other protective clothing.

Protective Gear & Apparel

For your safety, we strongly recommend that you always wear an approved helmet, eye protection, boots, gloves, long pants and a long sleeved jersey, shirt or jacket whenever you ride. Although complete protection is not possible, wearing the proper gear can reduce the chance of and severity of injuries when you ride.

⚠ WARNING Not wearing a helmet increases the chance of serious injury or death in a crash. Be sure you always wear your helmet and other protective apparel when you ride.

Helmets and Eye Protection - Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. A good helmet will be approved by a testing organization independent of the helmet manufacturer and will have a chin strap that can be tightened securely. Open-face helmets offer some protection, but a full-face helmet offers the most protection. When purchasing a helmet, regardless of style, look for a DOT (Department Of Transportation) sticker (USA only). If the helmet has been tested by an independent organization such as the Snell Institute, you will usually find their logo on a tag inside the padding of the helmet

Additional Riding Gear - In addition to your helmet and eye protection, we also recommend:

1. Sturdy off-road riding boots to help protect your feet, ankles and lower legs.
2. Off-Road riding gloves to protect your hands.
3. Riding pants with knee and hip pads, a riding jersey with elbow pads and a chest/shoulder protector.

Is the Mini Bike Ready to Ride?

Before each and every ride you take, it is extremely important that you inspect the mini bike and make sure any problems you find are corrected. A pre-ride inspection is a must because off-road riding can be very tough on the mini bike and you do not want to have a breakdown far from help.

⚠ WARNING Improperly maintaining your mini bike or failing to correct a problem before riding can cause a crash in which you can be seriously hurt or killed. Always perform a pre-ride inspection before any ride and correct any problems.

Note to Parents: If a youngster will be performing any of the following pre-ride inspection procedures, it is your responsibility to provide careful supervision and make sure they are performed correctly.

Pre-ride Inspection

Check the following items before you get on the mini bike:

Tires - Use a tire pressure gauge to check the air pressure (10-15 PSI). Inflate or deflate as needed. Also check for signs of damage or excessive wear.

Rims - Inspect the rim to be sure it is not bent or damaged.

Leaks - Look under the mini bike for signs of leaking fluid such as engine oil or gasoline.

Engine Oil - Check the level of engine oil and add if needed.

Fuel - Check the level of fuel in the gas tank. Add if needed. Be sure the gas cap is tightened securely.

Drive Chain - Inspect the drive chain condition and slack. Adjust and lubricate if needed. Also check the chain tensioner for wear and replace when it is worn. For detailed instructions on drive chain slack adjustment, see the [Basic Maintenance Procedures](#) section of this manual.

Brake Cable - Inspect the brake cable for kinks or other damage and replace if needed. Inspect all accessible nuts and bolts. Tighten them if it is needed.

Spark Plug - Check the spark plug for looseness. Tighten if needed. Be sure the cap is fastened to the spark plug properly.

Nuts & Bolts - Look over entire mini bike for loose nuts and bolts. Tighten if needed.

Check the following items after you get on the mini bike:

Handle Bars - Be sure mini bike steers freely and handle bars are properly secured.

Throttle - Check the throttle freeplay and adjust if needed. Rotate the throttle to be sure it moves easily and freely. Make sure that it snaps shut automatically when you release it in all steering positions.

Brakes - Squeeze the brake lever to be sure the brakes are working properly.

Remember, be sure to take care of any problems you find or have your Monster Moto dealer correct it before you ride.

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Basic Operation & Riding

This section of the manual gives basic information on how to begin riding your mini bike. In this section we will cover how to start and stop the engine, how to use the throttle and brakes, and things you need to do when you are finished riding.

To protect your new engine and enjoy optimum performance and service life, be sure you break-in your mini bike properly. To do this, avoid full throttle starts and rapid acceleration for the first 15 miles (25 km) of riding.

Safe Riding Precautions

Before riding this mini bike, be sure you have read this entire manual up to this point including the section titled Important Safety Information & Before Riding.

Even if you have ridden other mini bikes in the past, take time to get familiar with the way the Monster Moto mini bike works and handles. Always practice in a safe area until you have built your skill level to a point at which it is safe to ride.

⚠ CAUTION For your safety, avoid starting or operating the mini bike in an enclosed area with poor ventilation, such as a garage. The mini bike's exhaust gas contains poisonous carbon monoxide which can collect rapidly in an enclosed area and result in illness or death.

⚠ WARNING Your mini bike is not equipped with lights. Do not ride at night.

Starting & Stopping the Engine

Always follow the proper starting procedure as described below.

Preparation

Check the engine stop switch and switch to "RUN" if needed. Turn the fuel valve to the "ON" position.

Starting Procedure

To restart a warm engine, follow the procedure for high air temperature.

Normal Air Temperature 50 - 95 F (10 - 35 C)

1. Move the choke lever to the right, toward the pull start.
2. Firmly grip the pull start handle and pull.

Starting & Stopping the Engine

Starting Procedure (cont.)

3. Once the engine starts, warm up the engine by opening and closing the throttle slightly.
4. About 15 seconds after the engine starts, push the choke lever all the way to the left (fully off).
5. If the engine idle is unstable, adjust the choke. The idle will smooth out as the engine gets warmer. Turn off the choke when idle stabilizes.

Higher Air Temperature 95 F (35 C) or above.

1. Do not use the choke.
2. Start the engine (Follow step 2 under normal air temperature)

Lower Air Temperature 50 F (10 C) or below.

1. Follow steps 1 - 2 under normal air temperature.
2. Warm up the engine by opening and closing the throttle slightly.
3. Continue warming up the engine until it idles smoothly and responds to the throttle with the choke lever moved all the way to the left (fully off).

Notice: Extended use of the choke in position A (fully on) may impair piston and cylinder wall lubrication and damage the engine.

Flooded Engine

If the engine fails to start after repeated attempts, it may be flooded with excess fuel. Follow the steps below to clear a flooded engine:

1. Push the engine stop switch into the "OFF" position.
2. Push the choke lever completely to the left to the "OFF" position.
3. Open the throttle completely.
4. Crank the engine 10-15 times using the pull starter.
5. Push the engine stop switch into the "ON" position.
6. Follow the high air temperature starting procedure.

How to Stop the Engine

To stop the engine, push the engine stop switch into the "OFF" position.

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Braking Technique

This section will cover basic braking technique for your mini bike. To slow or stop the mini bike, squeeze the brake lever firmly and smoothly. Gradually increase your braking pressure as you feel it is needed. When you come to a stop, put your foot down to balance the mini bike.

Generally, reduce your speed and complete your braking before you begin a turn. Avoid braking or closing the throttle quickly while turning. Either of these actions may cause one or both of the wheels to slip. Any wheel slip will reduce your control over the mini bike and could cause a crash.

When riding in wet or rainy conditions, or on loose surfaces such as mud or sand, your ability to maneuver and stop the mini bike will be reduced. All of your actions should be done in a smooth and steady manner under these conditions. Rapid acceleration, braking, or turning can cause you to lose control of the mini bike. For your safety, exercise extreme caution when riding under wet, rainy, and/or muddy conditions.

Parking & Post Ride Inspection

When you have finished riding, lower the kick stand to support your mini bike. Turn the engine stop switch to the "OFF" position. If you are through riding for the day, turn the fuel valve to the "OFF" position. Always park the mini bike on a flat level surface. If you will be storing the mini bike for a long period of time, turn the fuel valve to the "OFF" position while the engine is still running. Open and close the throttle repeatedly until the engine stops running on its own. This uses up any fuel that still remains in the carburetor. This will help you avoid carburetor problems that can occur when your mini bike is stored for long periods of time with gasoline left in the carburetor.

Maintaining your MMB80 Mini Bike

Keeping your mini bike in perfect operating condition is absolutely 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 mini bike well maintained, this section includes a maintenance schedule for required servicing and step-by-step instructions on how to perform specific maintenance tasks. In this section you will also find important safety precautions, and tips for keeping your Monster Moto mini bike looking good.

Careful pre-ride inspections and good maintenance are invaluable. The service intervals in this section are based on average riding conditions. More frequent service is needed if you subject your mini bike to severe use, or ride in unusually wet and dusty areas. Frequent checks of the air cleaner are very important to help you avoid engine damage.

⚠ WARNING Improperly maintaining this mini bike or failing to correct a problem before you ride can cause a crash in which you can be seriously hurt or killed. Always follow the inspection and maintenance recommendations and schedules in this manual.

Remember, proper maintenance is the responsibility of the owner. Be sure to inspect your mini bike before each ride and follow the maintenance schedule in this section.

Note to Parents: As a parent, it is up to you to make sure the mini bike is properly maintained and kept in safe operating condition. For youngsters, learning how to take care of a mini bike 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 tank with gasoline, you need to provide close supervision and make sure the task is performed correctly.

⚠ WARNING Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed. Always follow the procedures and precautions in this manual.

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 adequate ventilation whenever you operate the engine.
2. **Burns from hot mini bike parts** - Let the engine and exhaust system cool off before you touch them.
3. **Injury from moving parts** - Do not run the engine unless instructed to do so.

Read all instructions before you begin a procedure. Make sure you have all of the tools and skills required. To help prevent the mini bike from falling over, park it on a firm, level surface, using the side stand or a maintenance stand to provide support. To reduce the chance of a fire or explosion, be careful when working around gasoline. Use only a non-flammable (high flash point) solvent such as kerosene or mineral spirits to clean parts. Keep cigarettes, sparks, and flames away from all fuel related parts.

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Maintenance Schedule

Regular inspection and service is required to keep your mini bike in safe and reliable riding condition. Below is a maintenance schedule showing when components need to be inspected or serviced. Some items on the list can be performed with basic mechanical skills and hand tools; others require more extensive procedures requiring special training, tools and/or equipment. If you do not feel capable of performing any of the procedures described in this manual or if you need assistance, contact your nearest authorized dealer. If you decide to do your own maintenance, use only replacement parts that you have purchased from a Monster Moto dealer or parts purchased directly from Monster Moto.

Because this mini bike does not have an odometer, service intervals in the maintenance schedule are expressed in terms of hours ridden. To avoid missing required maintenance, we suggest you develop a reliable way to record riding time. Always perform the pre-ride inspection at each scheduled maintenance interval.

Each item on the maintenance schedule requires some mechanical knowledge. You will find that some items in the table (marked * and **) may require a higher level of mechanical skill and special tools. If you do not feel capable of performing any procedure, please consult your nearest Monster Moto dealer.

Note: Service your mini bike more frequently when you ride in wet or dusty conditions.

MMB80 Maintenance Chart

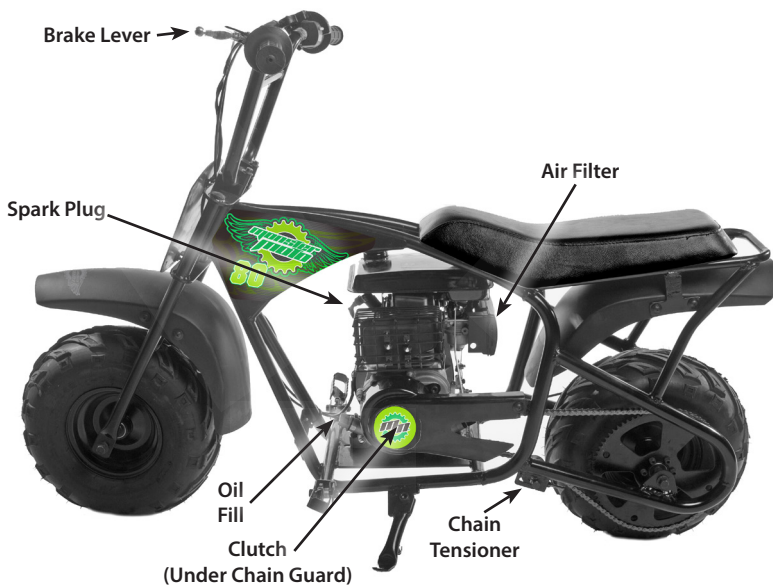
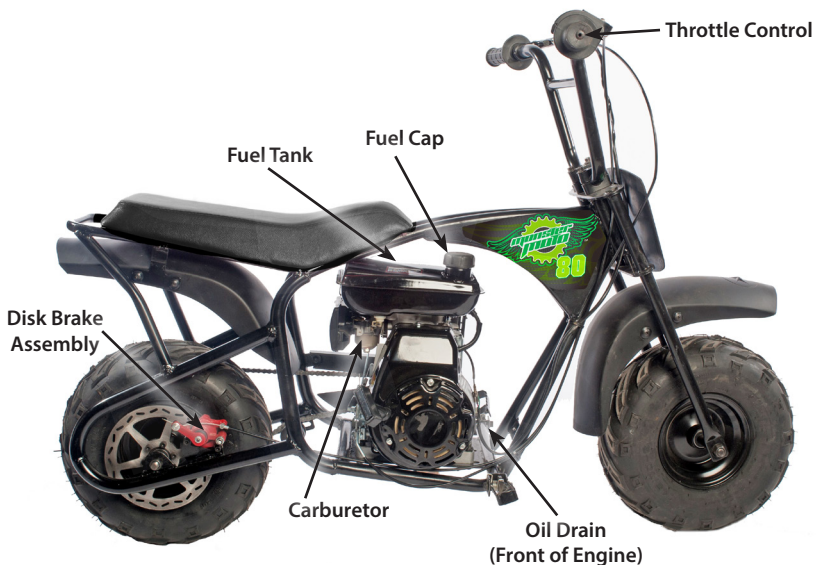
		Each Use	1st Month or 20 Hrs	Every 3 Months or 50 hrs	Every 6 months or 100 hrs	Every Year or 300 hrs
Check Brakes		x				
Check Throttle		x				
Lube, check/adjust chain		x				
Check all nuts and bolts for tightness		x				
Engine Oil	Check	x				
	Replace		x	x		
Air Filter	Check	x				
	*Clean			x		
	*Replace					x
*Clean Carb Sediment Cup				x		
Spark Plug	*Clean/Adjust				x	
	*Replace					x
Check/Adjust Idle Speed						x
**Check/Adjust Valve Clearance						x
*Clean Fuel Tank and Filter						x
Check Fuel Tube						x
*Clean/lube Centrifugal clutch		Every 24 hours of use				

* Can be performed by owner with proper tools and knowledge, otherwise consult a service center.

** Recommended to be performed by authorized service center.

SEE MONSTERMOTO.COM FOR SIMPLE HOW-TO VIDEOS FOR ALL BASIC MAINTENANCE PROCEDURES

Component Locations



PROBLEMS? DO NOT RETURN TO STORE! CALL US!

Basic Maintenance Procedures

Fuel

Fuel Recommendation

The engine in your mini bike has been designed to run on any gasoline with a pump octane rating of 86 or higher. Most service stations will display the octane rating above each pump. Although it is not required, Monster Moto recommends use of gasoline with a 92 octane rating or higher to ensure maximum performance and reliability. This engine is not designed to work with ethanol blended fuel.

Use of a lower octane gasoline can cause pre-detonation in the engine. When this occurs, you will hear a persistent “pinging” or “spark knock” which, if severe, can cause engine damage. It is however no cause for concern if you hear light pinging while the engine is under hard acceleration, such as climbing up a hill. If pinging occurs under normal load and a steady engine speed, switch brands of gasoline and be sure you are using the proper octane rating. Use of unleaded fuel is recommended because it produces fewer engine deposits and extends the life of the engine and exhaust components.

Never use stale or contaminated gasoline. Never use gasoline that has been mixed with oil. Avoid getting dust, dirt and water into the fuel tank.

Refueling Procedure

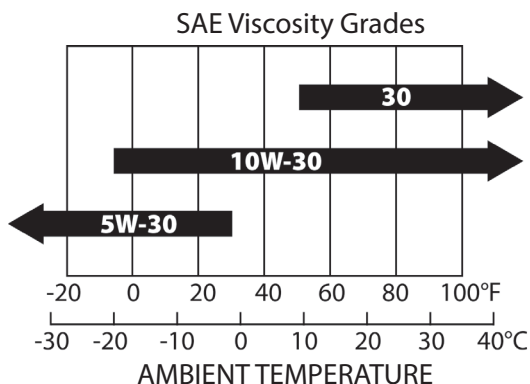
1. Twist the fuel tank cap counter-clockwise and remove the cap from the tank.
2. Using a funnel, add fuel to the tank until the level reaches about 2 inches from the top of the tank.
3. Twist the fuel cap clockwise until it is securely tight.

⚠ WARNING Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling gasoline. Always stop the engine. Only handle gasoline outdoors. Clean all spills immediately.

Basic Maintenance Procedures

Engine Oil Recommendation

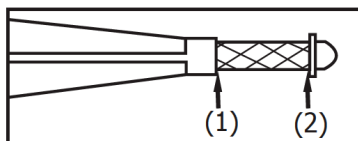
SAE 10W-30 is recommended for use in most climates. See the oil/air temperature chart to help you choose the best oil for your climate:



CAUTION 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

1. Park the mini 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 mini bike 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 not 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.

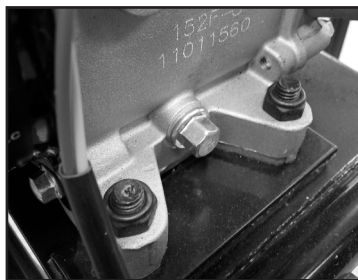


PROBLEMS? DO NOT RETURN TO STORE! CALL US!

Basic Maintenance Procedures

Changing Engine Oil

1. Park the mini bike on a firm level surface.
2. Remove the oil fill cap/dipstick.
3. Place an oil drain pan under the engine.
4. Unscrew and remove the oil drain bolt.
5. Once most of the oil has drained, move the mini bike from side to side to drain out any remaining oil.
6. Examine the sealing washer for damage and replace if any damage is present.
7. Install the oil drain bolt and tighten to the specified torque of 18 foot pounds.
8. Pour the recommended oil into the engine and fill until the oil level is correct.
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

Always dispose of waste oil in the proper manner. Failure to do so is harmful to the environment and illegal in most states.

Air Filter

Your air filter is located on the back of the engine in the square plastic case. Proper air filter maintenance is extremely important for off-road vehicles. Dirty, water-soaked, worn out, or defective air filters will allow dirt, dust, mud and other impurities to pass into the engine. Always replace the air filter with a filter of the same size and construction.

1. Unclip the clips holding the air cleaner cover to the housing
2. Remove the air filter
3. Wearing rubber gloves and eye protection, clean filter with a non-flammable solvent like mineral spirits. Squeeze excess solvent from media, taking care to not damage filter element
4. Inspect foam for cracks or tears and replace if needed
5. Allow filter to dry completely
6. Soak filter in a quality air filter oil and squeeze out excess oil
7. Reinstall element and replace cover



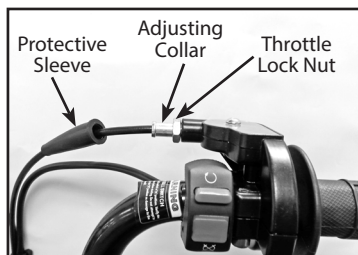
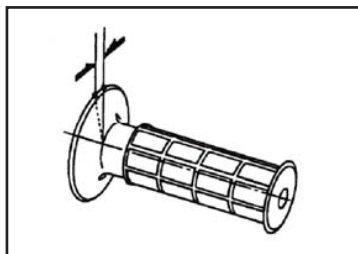
Basic Maintenance Procedures

Throttle Freeplay

Throttle Freeplay - 1/16 - 1/4 inch (2 - 6mm)

1. Pull back the protective sleeve covering the throttle cable lock nut and adjusting sleeve.
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 and push protective sleeve back over lock nut.
5. Check the throttle for smooth rotation from fully open to fully closed in all steering directions.

If you cannot obtain proper freeplay, contact your authorized Monster Moto service center for assistance.



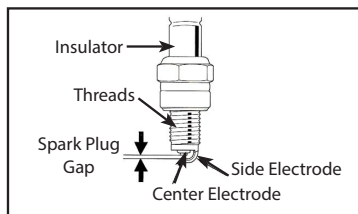
PROBLEMS? DO NOT RETURN TO STORE! CALL US!

Basic Maintenance Procedures

Spark Plug Maintenance

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

1. Clean any dust and dirt from around the spark plug base.
2. Disconnect the spark plug cap.
3. Remove the spark plug using a 19mm socket or wrench.
4. Using the photos below for reference, examine the plug to determine its cleanliness. If the plug is a normal color, go on to step 6. If the plug is fouled (dirty), go to step 5.
5. Using a moderate grit sandpaper (220-400), sand between the center electrode and the side electrode until all carbon and oil deposits are removed. Monster Moto recommends that you use a spark plug cleaner or a new spark plug if the plug is very dirty.



6. 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 Autolite 255 spark plug or equivalent if any electrode wear and/or cracks are present.
7. 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 .03 in (0.7mm). Always check the gap of a new spark plug before you install it.
8. 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 19mm socket or wrench to securely tighten the spark plug. Do not over or under tighten the spark plug.

CAUTION

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

Normal Spark Plug (light brown center)	Lean Spark Plug (white center)	Fouled Spark Plug (heavy carbon buildup)	Fouled Spark Plug (heavy oil buildup)

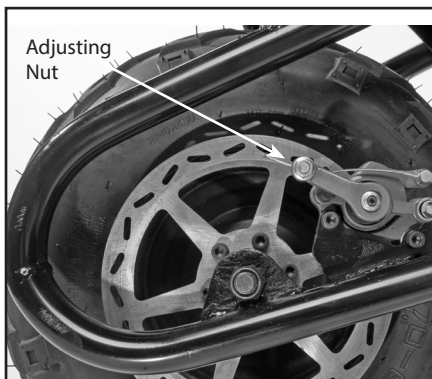
When you inspect the spark plug, generally it will fit into one of the four categories shown above. A normal/clean spark plug will have a light brown center and displays no wear around the electrodes. A spark plug with a bright white center indicates a lean condition in the engine. If your plug looks like this, have your mini bike serviced by your Monster Moto dealer immediately. 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 mini bike is consistently oil fouling spark plugs, have it serviced by your local Monster Moto dealer immediately.

Basic Maintenance Procedures

Rear Brake Adjustment

If you are not able to pull your brake handle any farther and your mini-bike is still not stopping properly, you will need to adjust your rear brake so you can stop properly. Over time, your cable will stretch and this periodic maintenance will need to be conducted.

1. Place the mini-bike on the kick stand with the engine off.
2. Holding the brake mechanism, loosen the adjusting nut to let the cable slide free.
3. Slide the adjusting nut and mechanism toward the front of the bike until it stops, then back off slightly. This positions the brake properly so it will not clamp the disc when the handle is released. This is called "drag" and if it happens, it will cause extra brake wear and reduced power.
4. Tighten the adjusting nut on the cable.
5. Carefully lift up the back of the bike without tipping it over and see if the wheel spins freely when the brake is not applied. If there is drag, re-adjust nut.
6. Lower bike back to ground and apply brake lever to ensure brake engages and stops wheel securely.



⚠ DANGER Never ride the mini bike when the brakes are not working properly. If you cannot repair the brakes, have them serviced by your Monster Moto Dealer. **DO NOT RIDE** the bike.

Tire Air Pressure

Properly inflated tires will provide you with the best combination of handling, tread life, and riding comfort. Generally speaking, underinflated tires will wear unevenly and adversely affect handling. Underinflated tires are also more likely to fail from being overheated and can cause wheel damage on rocky terrain. Overinflated tires will cause the mini bike to ride harshly, are prone to failure from surface hazards and wear unevenly.

⚠ WARNING Using tires that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed. Follow all instructions in this owners manual regarding tire inflation and maintenance.

Make sure the valve stem caps are secure, If needed, install a new cap. Always check air pressure when your tires are cold. If you check the air pressure when the tires are warm, you will get higher readings. If you let air out of warm tires to match the recommended cold tire pressure, the tires will be underinflated. The correct cold tire pressures are listed below. If you replace the tire, follow the tire pressure marked on the sidewall of the tire.

Front Tire (Cold)	10-15 PSI (69-103 kPa)
Rear Tire (Cold)	10-15 PSI (69-103 kPa)

Basic Maintenance Procedures

Tire Inspection

A flat tire or tire blowout can be very inconvenient and can even cause you to have an accident. Take the time to inspect your tires and wheels before you ride. For more information about handling a flat tire, refer to the section of this manual titled [Resolving the Unexpected](#).

- Inspect the tire carefully for bumps or bulges in the sidewall of the tire and inside of the treads. Replace any tires that have bumps or bulges in them.
- Look closely for cuts, slits or cracks in the tires. Replace any tire if you can see a fabric or cord showing through.
- Check for rocks, screws, nails or other objects embedded in the tires or tread. Remove any foreign objects. Be sure there are no screws or nails in the tires.
- Inspect your rims. If you notice rims are bent or dented, take to your nearest Monster Moto Service Center for assistance in replacing rim.
- Measure the tread depth of the tires. Replace all tires before the tread depth gets below 0.16in (4mm) or anytime you notice a reduction in your traction.
- Check the position of both valve stems. A tilted valve stem indicates that the tube is slipping inside of the tire or the tire is slipping on the rim. See your Monster Moto dealer for assistance.

⚠ WARNING Never ride with a bent or dented rim. The tire could suddenly lose pressure, resulting in an immediate loss of control which may cause a serious accident.

Tire and Tube Repair

If your tube has been punctured, repair or replace it immediately. You may repair the with a patch, but it will never be as durable or reliable as a new tube. If you use a repair tube, purchase genuine Monster Moto parts or another tube the same size.

⚠ WARNING Do not attempt to replace the tube if you do not have the proper tools. Using improper tools can result in damage to the tire, tube or steel rim.

Basic Maintenance Procedures

Drive Chain Inspection

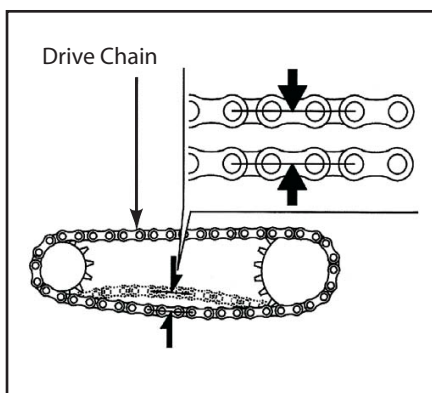
The service life of your drive chain will depend on several factors including proper lubrication, adjustment, and riding style. Poor maintenance will cause premature wear and/or damage to the drive chain and sprockets.

Before you service your drive chain, be sure you are parked on a level surface and you turn the engine OFF. It is not necessary to remove or replace the chain to perform recommended maintenance service.

1. Check the slack in the drive chain midway between the sprockets (2). Push upward on the chain with your finger. The vertical movement should measure between 3/8-1/2 in.
2. Repeat step 1 along several points of the drive chain. The slack should remain constant through out. If it is not, some links may be kinked and binding. Lubricating the chain will often stop this.

NOTICE

Excessive drive chain slack may allow the drive chain to damage the engine cases.



3. Inspect the drive chain for the following: damaged rollers, loose pins, dry or rusted links, kinked or binding links and excessive wear. Replace the chain if it has damaged rollers, loose pins, or kinks that cannot be freed. Lubricate the drive chain if it appears dry or shows signs of rust. Lubricate any kinked or binding links and work them free. If the chain has damaged rollers, loose pins or kinks that cannot be freed, follow replacement procedure outlined later in the manual.
4. You should replace the drive chain once the chain tensioner is moved as far back as possible and slack still remains. This indicates that the chain is worn beyond it's service limit.
5. Inspect the front and rear sprockets for excessive wear or damage. Refer to the following illustration to determine sprocket condition. If needed, replace any worn or damaged sprockets. See your Monster Moto dealer for assistance.

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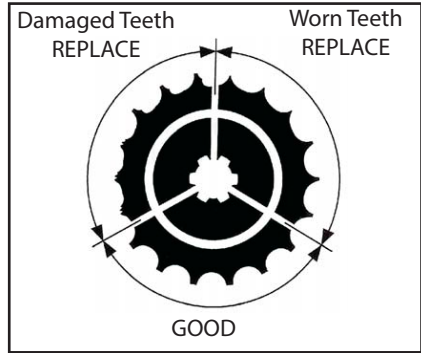
Basic Maintenance Procedures

Drive Chain Inspection (cont.)

Use the diagram below to determine if the sprockets need to be replaced. Never use a new chain with a damaged or worn sprocket.

NOTICE

Use of a new chain on worn sprockets will cause rapid chain wear.



Drive Chain Adjustment

Follow the procedure below to adjust the drive chain slack. Be sure that you are parked on a level surface and the engine is turned OFF.

1. Loosen the axle nut on the chain tensioner.
2. Adjust the chain tensioner – clockwise to tighten, counter-clockwise to loosen – until there is 3/8-1/2 in chain slack.
3. Tighten the axle nut on the chain tensioner.
4. Recheck the drive chain slack.

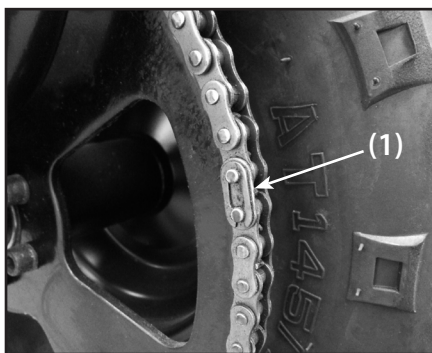


Basic Maintenance Procedures

Drive Chain Removal, Cleaning & Replacement

If you have been riding in extremely muddy or dusty conditions, the drive chain should be removed and cleaned before you apply lubricant. Follow the procedure below to remove and clean or replace the drive chain with a new one.

1. Remove the master link retaining clip (1) with needle nose pliers. Do not bend or twist the clip. Remove the master link and remove the drive chain.
2. Clean the drive chain with a non-flammable solvent such as kerosene or mineral spirits - not gasoline - and allow it to dry.
3. Inspect the drive chain for possible wear or damage. Replace the drive chain if it has any damaged rollers, loose fitting links, or otherwise appear unserviceable.
4. Inspect the sprockets for wear or damage. Monster Moto recommends that you replace the sprockets when you install a new drive chain.
5. Pass the chain over the sprockets and join the ends of the chain with the master link. For ease of assembly, hold the chain ends against adjacent rear sprocket teeth while inserting the master link. Install the master link retaining clip so that the closed end of the retaining clip will face the direction of forward wheel rotation.
6. Lubricate the chain.



The master link is the most critical element of drive chain security. Master links are reusable, as long as they are in excellent condition. We recommend installing a new master link when you install a new drive chain. You may find it easier to install a new chain by connecting it to the old chain using a master link and pulling the old chain to position the new chain on the sprockets.

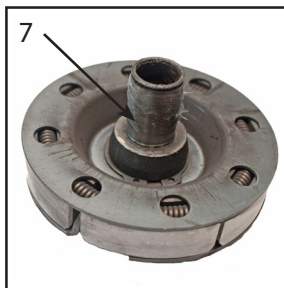
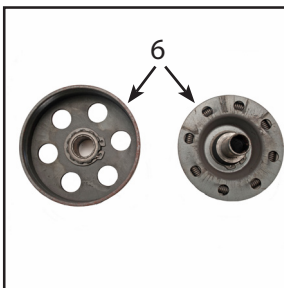
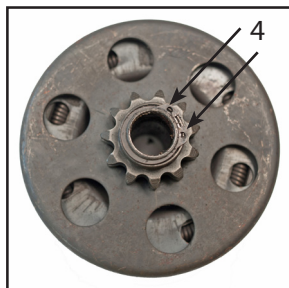
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Basic Maintenance Procedures

Clutch Lubrication

Your MMB80 mini bike uses a centrifugal clutch to provide power from the engine to the rear wheel. It requires periodic maintenance to operate properly. If your clutch becomes “noisy” or it grabs and kills your engine at low speeds, it is time to service your clutch.

1. Remove the front half of the chain guard.
2. Remove the chain from the drive sprocket
3. Remove the clutch retaining bolt holding the clutch to the engine and slide the clutch assembly off the shaft.
4. Use snap-ring pliers to remove the clutch retaining clip.
5. Pull the assembly apart and locate the thin shim around the base of the shaft. Remove and set aside.
6. Clean all parts of clutch assembly, inside and out.
7. Grease the clutch shaft with a generous layer of high-temperature wheel bearing grease.
8. Grease both sides of shim and replace on shaft. Reassemble the clutch.
9. Place clutch assembly back on engine drive shaft.
10. Reinsert socket head cap screw and tighten to 75-90 in-lbs.



Appearance Care

To clean the mini bike you can use any of the following: water, mild neutral detergents, mild spray and wipe cleaner, mild spray and rinse cleaner/degreaser. Avoid products that contain harsh detergents or chemical solvents that can damage the metal, paint and plastic on your mini bike.

We recommend that you use a garden hose to wash your mini bike. High pressure washers (like coin operated car washers) can damage certain parts of the mini bike. If you must use a high pressure washer, avoid spraying the following areas: Wheel hubs, muffler outlet, underneath the seat, engine stop switch, underneath the gas tank, drive chain and carburetor.

NOTICE

High pressure water or air can damage certain parts of the mini bike. Never wash the mini bike while the engine is running. Always lubricate the drive chain after you are finished washing and the mini bike is dry.

Troubleshooting

Engine does not start or is hard to start

1. **Examine the Carburetor** - Be sure there is fuel flowing into the carburetor.

Is there fuel flowing into the carburetor?

- No**
- Clogged fuel hose/line or clogged fuel filter
 - Clogged or closed fuel valve
 - Clogged fuel cap vent
 - Sticking or stuck carburetor float
- Yes**
- SEE STEP 2

2. **Examine the Spark Plug** - Remove the spark plug and inspect.

Is the spark plug in good working condition?

- No**
- Flooded engine and/or carburetor
 - Choke valve is closed
 - Throttle is stuck open
 - Dirty or clogged air filter
 - Excessively worn piston rings (replace engine)
- Yes**
- SEE STEP 3

3. **Spark Test** - Test for ignition spark by removing the spark plug and inserting it into the spark plug cap. Place the open end of the spark plug on a metal part of the engine and pull start the engine. You should see a nice blue spark on the end of the spark plug. A faint spark will not start the engine.

⚠ WARNING Do not touch the spark plug or plug cap while pull starting the engine. You will receive an electrical shock which could result in serious injury or death.

Is there a good spark?

- No**
- Fouled or faulty spark plug
 - Broken or shorted spark plug wire or spark plug cap
 - Faulty or shorted magneto assembly
 - Broken or shorted engine stop switch
 - Loose or corroded wires and/or connectors (always clean bad electrical connections)
- Yes**
- SEE STEP 4

4. **Engine Start Condition** - Start the engine by using the normal starting procedure

Does the engine start but then stop quickly afterward?

- Yes**
- Improper choke operation
 - Dirty or improperly adjusted carburetor (Contact your Monster Moto Dealer)
 - Intake manifold/pipe leak
 - Improper ignition timing (see your Monster Moto Dealer)
 - Dirty or contaminated gasoline

Troubleshooting

Engine Lacks Power

- 1. Examine the Drivetrain** - Raise the wheel of the ground and spin by hand.
Does the wheel spin freely?
No - Brake dragging, improperly mounted brake pads
- Worn or damaged wheel bearings
- Bent axle
Yes - SEE STEP 2
- 2. Check the Tire Pressure** - Use a tire pressure gauge to check the tire pressure of each tire
Is the tire pressure correct? (10-15 PSI)
No - Faulty tire valve
- Punctured tire and/or inner tube
Yes - SEE STEP 3
- 3. Engine Performance Inspection** - Accelerate lightly.
Does the engine speed increase?
No - Clogged air filter
- Restricted or clogged fuel line and/or fuel filter
- Clogged muffler/spark arrester
- Choke valve is closed
- Clogged fuel cap vent
Yes - SEE STEP 4
- 4. Spark Plug inspection** - Remove the spark plug and inspect
Is the spark plug in good working condition?
No - Spark plug is not serviced frequently enough
- Incorrect spark plug heat range
- Incorrect spark plug gap
Yes - SEE STEP 5
- 5. Engine Oil Inspection** - Check the oil level and the condition of the oil.
Is the engine oil level correct and in clean condition?
No - Oil level too high
- Oil level too low
- Contaminated oil
Yes - SEE STEP 6
- 6. Cylinder Compression Inspection** - Check the cylinder compression.
Is the engine compression normal?
No - Valve stuck open/seized or improper valve timing (see your Monster Moto dealer)
- Worn cylinder wall and/or piston rings (replace engine)
Yes - SEE STEP 7

Troubleshooting

Engine Lacks Power (cont.)

7. Carburetor Inspection - Disassemble the carburetor and check for clogs

Was the carburetor clogged and dirty?

No - SEE STEP 8

Yes - Carburetor is not serviced frequently enough
- Contaminated fuel

8. Over Heating Inspection - Check the engine for overheating

Is the engine overheating?

No - GO TO STEP 9

Yes - Excessive carbon buildup in the combustion chamber
- Use of poor quality fuel
- Clutch slipping
- Lean fuel mixture or improper octane rating of fuel

9. Engine Condition Inspection - Accelerate rapidly and ride at high speed.

Does the engine knock?

No - See your Monster Moto dealer to have your mini bike serviced.

Yes - Worn piston and cylinder (replace engine)
- Wrong type of fuel (octane rating)
- Lean fuel mixture
- Excessive carbon buildup in the combustion chamber

Poor Performance at Idle & Low Speed

1. Intake Manifold Inspection - Check the intake manifold for leaks

Is there a leak in the manifold?

No - SEE STEP 2

Yes - Loose carburetor mounting bolts
- Damaged insulator/spacer
- Damaged intake manifold gasket
- Cracked or broken intake manifold/pipe

If "YES" - See your Monster Moto dealer to have your mini bike serviced.

2. Spark Test - Test for ignition spark by removing the spark plug and inserting it into the spark plug cap. Place the open end of the spark plug on a metal part of the engine and pull start the engine. You should see a nice blue spark on the end of the spark plug. A faint spark will not start the engine.

⚠ DANGER Do not touch the spark plug or plug cap while pull starting the engine. You will receive an electrical shock which could result in serious injury or death.

Is there a good spark?

No - Fouled or faulty spark plug
- Broken or shorted spark plug wire or spark plug cap
- Faulty or shorted magneto assembly
- Broken or shorted engine stop switch
- Loose or corroded wires and/or connectors (always clean bad electrical connections)

Yes - See your Monster Moto dealer to have your mini bike serviced.

Troubleshooting

Poor Performance at High Speed

1. **Examine the Fuel Line** - Disconnect the fuel hose at the carburetor.

Is there fuel flowing freely?

No - Clogged fuel hose/line or clogged fuel filter

- Clogged Fuel Valve

Yes - SEE STEP 2

2. **Carburetor Inspection** - Disassemble the carburetor and check for clogs.

Was the carburetor clogged and dirty?

No - See your Monster Moto dealer to have your mini bike serviced.

Yes - Carburetor is not serviced frequently enough, contaminated fuel

Poor Handling

Steering is heavy

- Steering stem nut too tight

- Damaged steering head bearings

Either wheel has a wobble

- Excessive wheel bearing play

- Bent Rim

- Improperly installed wheel hub

- Bent frame

The mini bike pulls to one side

- Damaged fork(s)

- Damaged axle

- Damaged frame

Resolving the Unexpected

General Guidelines

If you encounter trouble during a ride, the first thing you should do is stop as soon as it is safely possible. Do not continue to ride if you have a flat tire, if you hear an unusual noise, or if your mini bike just does not feel right. If you continue to ride, you will cause more damage to the mini bike and endanger your own safety.

After you stop, take time to carefully look over your mini bike and identify the problem. Always consider all of your options before you make a decision. Sometimes a problem can be relatively minor and can be permanently repaired on the trail provided you have the tools, supplies and skills needed to do so. In addition, you may be able to make a temporary repair and ride slowly back to your base where you can get further help and/or supplies.

When a problem appears to be more serious; or you do not have the tools, supplies and skills needed to make a repair, you will need to choose a safe way to get yourself and the mini bike back to your base. If you are close enough, you can often push the mini bike back.

Whatever the problem may be, always follow the instructions below:

1. Always put safety first.
2. If the problem is minor and you have the tools, supplies and skills needed to make a temporary repair, be sure to make permanent repairs as soon as possible.
3. Do not continue riding if you are hurt or if your mini bike is not in safe riding condition.

Recommendations for specific problems follow.

If Your Engine Quits or Will Not Start

If the engine was not making unusual noises before it quit running, and it feels normal when you operate the pull starter, you can probably rule out a major mechanical problem

First, check the fuel system:

1. Make sure you have fuel in the gas tank and the fuel valve is set to the "ON" position.
2. Turn the fuel valve to the "OFF" position. Disconnect the fuel line from the carburetor and momentarily turn the fuel valve to "ON". If fuel does not flow out, there is an obstruction in the fuel tank, fuel filter, or in the fuel line.
3. Reconnect fuel line to carburetor.

⚠ DANGER Do not use spark, fire or flame near gasoline or fumes. Fire or explosion may result in severe injury or death. Do not let gas or fumes come in contact with hot engine parts as fire or explosion may result.

If the fuel system appears to be okay, check the ignition system after any residue gasoline and fumes have evaporated and surfaces are dry.

1. Check the spark plug cap. Be sure that it is not loose or disconnected.
2. Disconnect the spark plug cap and remove the spark plug. Connect the spark plug to the plug cap and place the threaded end of the spark plug on a metal part of the engine.
3. Pull the pull start handle while you watch the spark plug. If it sparks, the ignition system is probably working. If there is no spark, replace the spark plug with a new one. If there is still no spark, there is a problem with the ignition system.

If you cannot identify or correct a problem, you will have to push your mini bike back to your base or get some help.

PROBLEMS? DO NOT RETURN TO STORE! CALL US!

Resolving the Unexpected

If You Have a Flat Tire

How you handle a flat tire on the trail will depend on the severity of the damage to the tire and/or the inner tube and what tools and supplies you keep with you. If you have a slow leak or a minor puncture, there are two ways you can try to make a temporary repair:

1. Use an aerosol tire sealer to seal the puncture and inflate the tube. You can do this without removing the wheel.
2. Use a tube repair kit to patch the hole in the inner tube. This requires removal of the wheel and tire. Do not attempt repair without the proper tools.

If the leak is more severe, or a temporary repair does not hold up, you will need to replace the inner tube. If the tire is also severely damaged, you will need to replace the tire as well.

If you cannot repair the flat tire on the trail, you will need to push the mini bike back to your base or send for help. Do not ride on a flat tire. The mini bike will be hard to handle, and if the tire comes off the rim, it can lock up the wheel and cause you to crash.

If You Crash

Personal safety is the first priority after an accident. If you or anyone else has been injured, take plenty of time to assess the severity of the injuries and determine if it is safe to continue riding. If you cannot ride safely, send someone for help. Do not ride if you will risk further injury or if your mini bike has been damaged too severely.

If you decide you are capable of riding safely, carefully inspect the mini bike for damage. Check the tightness of critical nuts and bolts such as the handle bars, control levers, brakes and wheels. If there is minor damage, or you are not sure about possible damage but decide to ride back to your base, ride slowly and cautiously.

Sometimes crash damage is hidden or not immediately apparent. Once you get home, go over your mini bike thoroughly and fix any problems that you find. Also, be sure to have your Monster Moto dealer inspect the frame after a serious crash.

If a Component Fails

The drive chain, master link, control cables, brake controls, and other components can be damaged if you ride in dense brush or over rocky terrain. As mentioned earlier, making the repair on the trail will depend on the severity of the damage, tools, supplies, and skills that you have.

1. If the drive chain comes off because the master link clip has been knocked off, you may be able to repair the chain with a new master link. However, if the chain is broken or causes damage when it comes off, you may not be able to make a trailside repair.
2. If you damage the throttle cable or some other critical component, the mini bike may be unsafe to ride. Carefully assess the damage and make any repairs that you can. But if you have any doubts, it is best to be conservative and safe and walk mini bike back to base or have unit picked up.

Emission Control Warranty

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The manufacturer warrants that each new 2014 and later vehicle:

- is designed, built and equipped so as 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.

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.

PROBLEMS? DO NOT RETURN TO STORE! CALL US!

Emission Control Warranty

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 particular 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 Monster Moto by calling 855-833-6483.



Register your Monster Moto MMB80 Mini Bike so that we can provide you with the fastest solutions to any problems you may have with your product and so we can keep you up to date regarding any product updates.

Fill out registration form on the next page, and mail it to:
Monster Moto
1100 Valwood Parkway, Suite 112,
Carrollton, Texas 75006

Or go online to:
www.monstermoto.com
and fill out the registration form online.

855-833-6483 OR EMAIL US AT info@monstermoto.com



MMB80

Mini Bike





MMB80

Mini Bike

Product Registration

Please complete and mail this card within 10 days of initial purchase.

Name _____ Age _____

Address _____

City _____ State _____ Zip _____

Email _____

Home Phone _____

Work Phone _____

Purchase Date _____ Purchased from _____

VIN Number _____

Male _____ Female _____ Occupation _____

Other similar product owned before _____

How did you hear about the product? _____

How do you plan to use your product?

Just for fun _____ Work _____ Sport _____ Commuting _____

After form is complete, please mail to:

Monster Moto
1100 Valwood Parkway, Suite 112
Carrollton, Texas 75006