

Mimi Baja

OWNER'S MANUAL

READ MANUAL BEFORE OPERATING


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**NOTE: ENGINE MUST BE FILLED WITH OIL BEFORE
OPERATION. SEE ENGINE OWNER'S MANUAL.
THIS IS A 4-CYCLE ENGINE. DO NOT MIX THE GAS
AND THE OIL**

THIS VEHICLE IS SOLD FOR OFF ROAD USE ONLY. BEFORE OPERATING THIS VEHICLE, READ ALL THE INSTRUCTIONS FOR SAFE ASSEMBLY AND OPERATION AS WELL AS THE INSTRUCTION GOVERNING THE ENGINE AND OTHER PORTIONS OF THE VEHICLE. PAY CLOSE ATTENTION TO ALL CAUTION AND WARNING LABELS.

IMPORTANT RULES FOR SAFE OPERATION

NOTE: All the below items (1-35) should be read and understood by the operator. Failure to do so could endanger the personal safety of the operator.

1. This vehicle is not licensable. IT IS NOT TO BE OPERATED ON ANY PUBLIC ROAD, STREET, HIGHWAY, SIDEWALK, OR ALLEY. To do so would be in violation of local law. This vehicle may be operated only on private property and upon areas approved by local law.
 2. This vehicle should NEVER be operated indoors. The exhaust from the engine contains carbon monoxide, which is a tasteless, odorless, and poisonous gas.
 3. Unless otherwise specified in this manual, all screws, nuts, and bolts must be kept tight to ensure that the vehicle is in safe operating condition. The engine must be kept free of all dirt and other accumulations, paying particular attention to throttle linkage and carburetor area.
 4. Prevailing-Torque-type locknuts lose their locking capability with repeated use and require replacement. Ensure locknuts are functioning properly.
 5. The tire pressure should be checked prior to each use. The recommended inflation pressure is the maximum tire pressure as printed on the tire's sidewall. IMPROPER TIRE PRESSURE MAY CAUSE INSTABILITY AND MAY PREVENT PROPER BRAKING OR STEERING.
 6. Modification of this vehicle or removal of any original equipment or safety decals may render the vehicle unsafe or illegal. NEVER REMOVE ANY CHAIN GUARD, CLUTCH GUARD OR, EXHAUST GUARD. These covers are for operator's protection.
 7. THE VEHICLE SHOULD NEVER BE STARTED WITHOUT FIRST CHECKING TO SEE THAT THE THROTTLE IS IN IDLE POSITION. Do not start engine without verifying proper function of the throttle. Note: The twist grip throttle should return when released.
 8. This vehicle is not designed or intended for racing, any form of competition, or use on rental tracks.
 9. Never attempt to start this vehicle without having the operator sitting in the proper position.
 10. Note: This vehicle is recommended for operators above the age of 16 years. The operator's ability to operate this off-road vehicle safely is largely dependent upon the operator's ability to exercise proper judgment. An operator also must not be too small or too large for controlled operation. The operator must be of sufficient age, understanding, mental capacity, and physical capability to safely operate this vehicle. This vehicle should only be operated after mature, supervised instruction and sufficient practice in decongested areas.
 11. THIS SINGLE SEAT VEHICLE IS DESIGNED FOR ONE OPERATOR ONLY. It is not designed to carry any passengers.
 12. The engine should be stopped when the vehicle is not in use.
 13. **Warning:** The operator of this vehicle should always wear a helmet approved by agencies such as the Department of Transportation (DOT), Safety Helmet Council of America (SHCA), or Snell Memorial Foundation (SNELL). Most off-road vehicle accident fatalities are due to head injuries. The operator should also wear face shields or goggles, over-the-ankle boots, gloves, long pants, a long-sleeved shirt or jacket, and other appropriate protective clothing.
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14. LOOSE CLOTHING, LONG HAIR, OR ARTICLES WORN BY THE OPERATOR MUST BE FULLY CONTAINED, OR COVERED TO PREVENT THEM FROM POSSIBLY BEING CAUGHT IN ROTATING PARTS OF THE VEHICLE OR THE SURROUNDING ENVIRONMENT WHILE RIDING. FAILURE TO OBEY COULD ENDANGER THE PERSONAL SAFETY OF THE OPERATOR.
 15. DO NOT PLACE HANDS, FEET, OR ANY OTHER PART OF THE BODY OR ANY CLOTHING NEAR THE ENGINE, MUFFLER, WHEELS, CHAIN, AND OTHER ROTATING PARTS OF THE VEHICLE WHILE RIDING OR DURING ENGINE OPERATION. Caution must be used in performing required maintenance on or near an operating engine. Special caution should be taken after the engine has been running, since the engine and other drive components may be extremely hot.
 16. Wet, slippery, rough, or steep terrain is potentially dangerous and may result in injury if proper caution is not observed. Slow speeds are required to safely operate this vehicle under those conditions. The operator must use mature judgment, skill, and experience to choose a speed suitable for the terrain and riding conditions.
 17. The governor settings for this vehicle's engine must not be tampered with, altered, or changed. The governor is set by the engine manufacturer and limits the maximum speed of the engine (and vehicle) and protects the engine from damage. Excessive speeds are potentially dangerous to the operator and the engine.
 18. Each time before using this vehicle, the fuel supply should be checked. The fuel tank should never be filled while the engine is running or while the engine is hot. Do not fill tank in closed area such as a garage, while smoking, or in the vicinity of an open flame. Do not overfill the tank. Always allow at least 1/2 inch of space at the top of the tank for expansion. There should not be any fuel in the filler neck. Replace cap tightly to prevent spillage of fuel and potential fire hazard. After filling tank, move the vehicle at least 15 feet away from spot of filling before starting.
 19. If the vehicle should start making unusual noise or vibrating abnormally, the engine should be stopped and the spark plug wire disconnected. The vehicle should then be checked for damage. Excessive noise or vibration is generally a warning of loose or worn parts.
 20. When making repairs or adjustments to the vehicle which do not involve adjustments to the engine, the spark plug wire must be disconnected and kept away from the spark plug to prevent accidental starting. When working on or around, or when restarting engine, use extreme caution to avoid contact with the

muffler, cylinder head, or any other potentially hot area on or around the engine.

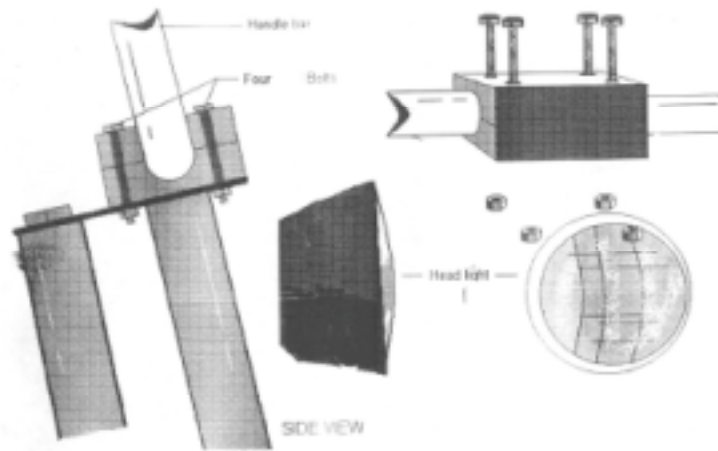
21. Always perform a Pre-Ride Inspection before starting the engine. See Pre-Ride Inspection section in this manual.
22. The imitation gas tank on this vehicle was not design to hold fuel. The actual gas tank is connected to the engine.
23. When storing the vehicle, it must be kept in a place where gasoline fumes will not reach an open flame or spark. For long period of storage, such as for winter, the fuel tank should be drained. The engine must be allowed to cool before storage in any enclosure. Read and keep all printed material supplied with this vehicle. Timely and specific instructions and Operator's Manual revisions are included in supplements. If any printed material included is unclear, contact your dealer for assistance.
24. NEVER OPERATE THIS VEHICLE WHILE UNDER THE INFLUENCE OF ALCOHOL, DRUGS, OR MEDICATION OF ANY KIND. SUCH OPERATION COULD BE DANGEROUS TO THE OPERATOR AND/OR OTHERS.
25. Always slow down when turning. High speed turning may cause loss of control, possible turnover of the vehicle, and/or possible injury to operator.
26. When turning on pavement, knobby tires on this vehicle may increase the risk of loss of control.
27. ALWAYS SLOW DOWN! DO NOT RACE, JUMP, PERFORM "STUNT" RIDING OR "SPINOUTS" WHEN OPERATING THE VEHICLE. THE VEHICLE IS NOT DESIGNED OR INTENDED FOR SUCH OPERATION.
28. This manual provides guidelines for the assembly, maintenance, and operation of this vehicle all operators and adult supervisors should read and understand all warnings and instructions in this manual prior to operation.
29. Persons of sufficient mechanical skill, experience, and judgment (such as outdoor equipment dealers, motorcycle dealer/shops, or small engine dealers) should only perform assembly, maintenance, and/or repair of this vehicle so that no unsafe condition or modification is made.
30. Always use extreme caution when starting the engine. Avoid touching the engine, muffler, or drive components. These areas could cause burns on contact.
31. The battery (if applicable) contains sulfuric acid and must not come in contact with skin, eyes, or clothing since this will cause severe burns possibly causing disfigurement. Also, the battery may generate explosive gases and must not be exposed to sparks, flame, cigarettes, or anything flammable or an explosion may result causing severe injury.
32. THE OPERATOR MUST ALWAYS BE APPROPRIATELY SUPERVISED AT ALL TIMES WHILE OPERATING THE VEHICLE.
33. Riding the vehicle requires skills acquired through practice over a period of time. Take the time to learn the basic techniques well before attempting to ride the vehicle.
34. Ride only on safe and familiar terrain. Avoid loose gravel and rocks. Be careful on wet surfaces and allow for extra braking distance. Do not ride in areas with low hanging objects like tree limbs, fences, and automobiles / trucks that this vehicle could travel under.
35. Do not operate this vehicle on or near dry brush or grass. Hot engine exhaust can ignite dry brush or grass and cause a fire.

PAY CLOSE ATTENTION TO ALL CAUTION AND WARNING LABELS ON THE VEHICLE.

THIS VEHICLE IS SOLD FOR OFF ROAD USE ONLY. BEFORE OPERATING THIS VEHICLE, READ ALL THE INSTRUCTIONS FOR SAFE ASSEMBLY AND OPERATION AS WELL AS THE INSTRUCTION GOVERNING THE ENGINE AND OTHER PORTIONS OF THE VEHICLE.



WARNING: The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.



(Figure #1)

ASSEMBLY

Note: Refer to the exploded parts drawing above when assembling the handle bar.

1. Complete the vehicle information block on the last page of this manual and the warranty card. The information is required when ordering parts.

2. Assemble the handle bar as described below:

HANDLE BAR INSTALLATION INSTRUCTIONS

Note: The handle bar comes assembled with throttle and brake mechanisms in place.

Step 1 Remove the nuts from the clamp and remove the top half of the clamp before placing the handle bar and clamp in position.
(See Figure #1)

Step 2 Using the same bolts in the clamp place the top halves of the clamp over the top of the handle bar and tighten down the bolts until the handle bar is secure.
Note: Do not over tighten the bolts. The handle bar should not move once tightened.

3. **Front Wheel -** Find the front axle in the packing material. Remove the Nut from one side of the axle and insert the axle through one side of the front fork, through the front wheel hub and through the other side of the front fork. NOTE: The washer should be placed on the axle between the nut and the outside of the front fork. Place the nut which was removed on the other side of the axle and tighten. NOTE: You must hold the nut on the other side of the axle when tightening.
4. **Bolts -** Check the screws, nuts, and bolts on your vehicle to see that all are tightened securely. For safe operating conditions, do periodic checks and tighten securely.
5. **Engine -** Fill the crankcase with oil until it reads full on the dipstick of the engine. For additional information refer to the engine manual for servicing the engine.

CHECK TO INSURE THAT ALL GUARDS ARE CORRECTLY MOUNTED AND SECURE.

FUELING THE ENGINE: THE FALSE GAS TANK DOES NOT HOLD FUEL. FILL FUEL TANK ATTACHED TO THE ENGINE WITH REGULAR UNLEADED GASOLINE. DO NOT OVERFILL (NO FUEL IN FILLER NECK). SEE THE ENGINE OWNER'S MANUAL FOR MORE INFORMATION ON FUELING.

6. **Tire Pressure -** See the recommended tire pressure which is printed on the side of the tire.

PRE-RIDE INSPECTION



WARNING - Perform this pre-ride inspection before operating the vehicle. If not performed, serious damage to the vehicle or personal injury may result.

1. **ENGINE OIL LEVEL** - Add oil if required. Check for leaks. Tighten filler cap securely.
2. **FUEL LEVEL** - Add fuel as necessary. Do not overfill (no fuel in the filler neck). Replace cap tightly. Check for leaks. Do not mix oil with gas.



WARNING - Do not refill engine while it is hot. It is possible for spilled fuel to ignite resulting in a fire. Do not fill gas tank in a closed area such as a garage. After filling the tank move the vehicle at least 15 feet away from spot of filling before starting.

3. **BRAKES - PERFORM A BRAKE TEST:**
NOTE: Always check for broken or frayed cables before operating this vehicle.

TEST 1

Step 1: With the engine OFF, have the operator sit on the vehicle.

Step 2: If supervising adult is capable, push the vehicle slowly.

Step 3: Have the operator apply the hand brake to feel how much pressure is needed for a smooth stop.

TEST 2

Operate the bike in an open area away from any obstacles. The Brake should not drag. However, it should stop the bike when applied fully with throttle returned.

4. **TIRES** - Check condition and pressure.
5. **DRIVE CHAIN** – Check chain condition and tension.
6. **THROTTLE - CHECK FOR SMOOTH OPERATION.** Assure throttle "snaps" back to idle. Also, check for frayed cable or damaged cable conduit. If either condition exists replace the cable assembly before riding.
7. **STOP SWITCH - PERFORM THIS STOP SWITCH TEST:** While the engine is running, push the engine stop button. The engine should stop. If the engine does not stop, check to ensure that the stop switch wire is attached to the terminal on the engine and the wiring harness is plugged into the back of the remote key stop switch. **DO NOT OPERATE THIS VEHICLE WITH A STOP SWITCH THAT IS NOT FUNCTIONING PROPERLY.**
8. **ALL NUTS, BOLTS, AND FASTENERS** - Check wheels to see that all axle nuts and lug nuts are tightened on axles and steering bolts. Check and tighten all other fasteners as necessary.
9. **GUARDS** - Ensure all protective guards are in place. **NEVER REMOVE ANY CHAIN GUARD, CLUTCH GUARD, OR TORQUE CONVERTER GUARD.** Each of these covers have a protective purpose, if removed it could endanger the personal safety of the operator.
10. **STEERING SYSTEM** - Ensure that the steering system turns freely and that the throttle and brake cables move freely with the steering system.

CORRECT any discrepancies according to the Owner's manual before riding. If a problem cannot be corrected, contact Baja Motorsports at 888-863-2252 for assistance.

STARTING INSTRUCTIONS

NOTE: Do not attempt to start or operate this machine without being completely familiar with all controls necessary to operate this vehicle safely. Do not start the engine before reading and understanding all the rules, warnings, instructions, and operational safety tips in this manual.

1. Before starting the engine, the operator should be seated on the vehicle. If the operator is not seated on the vehicle, it should be placed against a **STATIONARY** object and started.
2. **DO NOT START THE ENGINE BEFORE CHECKING TO MAKE SURE THE THROTTLE ASSEMBLY IS IN THE IDLE POSITION.** **WARNING** - Each time prior to starting the engine, check the throttle assembly to ensure that when the throttle grip (right side) is turned all the way toward the operator, the assembly is working smoothly and returns to idle when released. Do not operate if grip and engine throttle linkage fail to return to idle.
3. Refer to the engine owner's manual for proper use of the engine choke in the starting process.
4. Pull recoil starter rope sharply. See engine manual. Do not flood the engine by continuously pulling the starter rope. If engine does not start after two or three pulls of the starter rope, choke the engine as described in the engine owner's manual. If engine does not start wait a few minutes then repeat the cycle above.

OPERATIONAL SAFETY TIPS

GETTING USED TO THE VEHICLE IN MOTION

Be sure the operator is wearing all of the proper protective gear as described in section 13 of **THE IMPORTANT RULES FOR OPERATION** included in this manual. With the engine OFF, have

the operator mount the vehicle. If supervising adult is capable, push the vehicle slowly. Have the operator apply the hand brake to feel how much pressure is needed for a smooth stop. Practice this several times until the supervising adult is sure this skill is

developed. Remind the operator to keep his or her head up and look forward.

With the engine OFF, have the operator practice smooth throttle control. The operator will learn how much throttle it takes to start moving in a later exercise. Explain that opening the throttle will increase speed and that closing the throttle will decrease speed. Releasing the throttle and applying the brake will slow the vehicle.

GETTING THE FEEL OF TURNING

With the vehicle stopped and the engine OFF, have the operator practice the proper turning technique:

1. For a right turn, look to the right and lean the vehicle to the right.
2. For a left turn, look to the left and lean the vehicle to the left.

Repeat this exercise with the kickstand up as the supervising adult pushes the vehicle. Make sure the operator can turn the vehicle in both directions using this technique while the supervising adult maintains balance of the vehicle.

PREPARE FOR RIDING

Be sure to observe all the IMPORTANT RULES FOR OPERATION PRINTED IN THIS MANUAL. Check that the riding area is free from hazards. The operator should wear all the proper protective gear described in section 13 of the IMPORTANT RULES FOR OPERATION PRINTED IN THIS MANUAL.

STARTING OUT AND TURNING MANEUVERS

After starting the engine, as described in the starting instructions, the operator should slowly apply the throttle using the throttle grip. Practice slowly applying the throttle to get the feel of how much throttle should be applied to engage the clutching system.

Next, practice riding the vehicle in a straight line stopping and starting the vehicle. Keep the riding under control. However, riding too slowly will make balance more difficult. Be sure the operator develops a good feel for the use of the throttle and brake controls.

The new operator must learn to shift his or her weight and control the throttle to negotiate a turn. This is the primary technique to be mastered in riding this vehicle. Practice turning at slow, constant speeds. Defer increased speeds until the operator is confident proficient and is intimately familiar with the terrain.

Have the operator steer in the direction of the turn, and lean his or her body to the inside of the turn in order to maximize tire traction. Have the operator practice turning in both directions at slow speeds. Allow enough room to make wide turns. Once this technique is learned, turning maneuvers can be performed within a relatively small area.

Increased speeds should only be attempted after the operator has mastered starting, stopping and turning at slower speeds. Make sure the operator keeps both feet on the footpegs and looks ahead during operation.

RIDING ON DIFFERENT SURFACES

During turns, if the front wheel tends to skid in mud, sand, or snow, you may be able to improve control by releasing the throttle and allowing the vehicle to coast through the turn.

If the rear wheel inadvertently skids sideways, correct your slide by steering in the direction of the skid, if the operator has room to perform this maneuver safely. Avoid sudden braking or accelerating until the operator develops good control.

To avoid skids while traveling on slippery terrain, the operator must exercise a high degree of caution. Turning maneuvers on slippery terrain are more hazardous than those performed under full traction and must be done slowly.

Surface composition is a major factor affecting skidding. It is easier to slide on packed snow than in deep sand. It is dangerous to skid on ice, because you may lose all directional control, and it is dangerous to skid on pavement, because you may regain traction suddenly and unexpectedly, which can cause the vehicle to overturn.

CLIMBING HILLS

Practice climbing on evenly surfaced slopes of less than 20 degrees. The vehicle's capability in climbing hills or traversing any specific terrain is dependent upon skill and vehicle load. Only when the operator gains experience in handling this vehicle, and learns the hazards to be encountered and his or her own limitations should the operator proceed more challenging terrain. However, the operator must first be able to discern and avoid any hill or hazards that would cause this vehicle to overturn.

WARNING - Do not apply power suddenly by opening the throttle while ascending a hill or the front wheel may rise from the ground. The operator should transfer his or her weight forward on the vehicle when ascending a hill. If the front wheel lifts, the operator's control will be lessened and the vehicle may overturn backwards.

If the operator should find that he or she has incorrectly estimated climbing capability and lacks the power or traction to continue the ascent, if space permits, turn the vehicle around while the operator still has the forward speed to do so and descend. Avoid stalling part way up a hill, as maneuvering will then become more difficult.



CAUTION - Before attempting a turn on a hillside, the operator should first master turning technique on level ground.

CAUTION - To avoid overturning, the operator must exercise a high degree of caution when dismounting or moving this vehicle on a hillside.

DESCENDING HILLS

It is usually advisable to descend hills with the vehicle pointed directly downhill; avoiding angles that would cause the vehicle to lean sharply to one side. The operator should transfer his or her weight to the rear of the vehicle when descending hills. As you approach the point of descent, stop and survey the terrain below. Never ride headlong past your limit of visibility. When you have picked a safe path of descent, descend slowly with the throttle closed.

When descending it is recommended that the operator apply the brake intermittently to further reduce forward speed.

Braking effectiveness is reduced while descending any incline with a loose surface.

RIDING THROUGH WATER

Do not cross any stream with fast flowing water. Water can conceal drop-offs and obstacles. Do not ride the vehicle through water for prolonged periods.

The vehicle can cross water to a depth of approximately 4-6 inches, although the operator must be careful to avoid getting the spark plug, or air cleaner wet.

When crossing shallow streams, choose a course where both banks have gradual inclines. Proceed at a slow, steady speed, and take care to avoid submerged obstacles and slippery rocks.

After riding through water, the brake may be less effective than normal. Test the brakes after traveling through any water, and if necessary, apply the brakes repeatedly until the heat of friction has dried them and the brake retains its normal effectiveness.

WARNING - Do not operate vehicle at high speeds until brakes are dry and effective.

PREVENTIVE MAINTENANCE

STORAGE

In the event your vehicle is not to be operated for a period in excess of 30 days and at the end of each riding season prepare for storage as follows:



WARNING - Do not drain fuel while engine is hot. Be sure to move vehicle outside before draining fuel.

1. Drain fuel tank and remove all fuel remaining in the tank by using a suction device or by soaking up with a clean rag or towel. Remove all fuel remaining in the carburetor by allowing engine to run out of fuel. Do not perform any fuel removal procedure while smoking or near an open flame. Dispose of any rags or towels properly.
2. Lubricate engine cylinder by removing the spark plug and pouring one ounce of clean lubricating oil through the spark plug hole into the cylinder. Pull recoil rope slowly to spread oil and replace spark plug.

3. Do not save or store gasoline over winter. Using old gasoline, which has deteriorated from storage, will cause hard starting and affect engine performance.
4. When the vehicle is removed from storage re-read the owner's manual, perform any assembly required, and perform a pre-ride inspection. See Pre-Ride Inspection section of this manual.

GENERAL

Just as your automobile needs professional, mechanical maintenance from time to time, so does this vehicle. Replacement of the spark plug is made necessary by normal use. Professional air-cooled engine service is easily obtained. Check your phone book yellow pages under "Engines-Gasoline."

LIMITED WARRANTY

BAJA MOTORSPORTS, LLC

FRAME - The Frame and related components are warranted by BAJA MOTORSPORTS, LLC. and are applied to any part found to be defective due to material and/or workmanship when inspected by an authorized service provider of BAJA MOTORSPORTS, LLC, will, at its' option, repair or replace defective parts to the original purchaser at no charge.

The Warranty periods are as follows from date of purchase:

- A. Frame for 90 days, Void if:
 1. Frame is broken or bent due to abuse.

2. Wheels are bent or broken due to impact.
3. Forks are bent due to impact.
4. Axles are bent out of ordinary position either.
5. Non-factory altering of engine or its components.

B. Bearings and sprocket for 90 days.

C. Clutch 90 days against breakage of its parts. No warranty is applied for wear of clutch shoes or clutch bearings due to service.

D. Throttle Cable, Brake cable, Brake Caliper, Chain, Tires, Seat, Fasteners, and other components are not warranted because due to their normal service, they are subject to excessive wear and abuse.

All Warranties are voided if the vehicle has been altered for use in racing or competition, rented, used under abnormal conditions, or subject to abuse, misuse, neglect, or improper maintenance.

BAJA MOTORSPORTS, LLC is not liable for any damage claim or liability claim, personal or otherwise resulting from operation of this vehicle in any way.

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RECORD THE MODEL NUMBER AND SERIAL NUMBER OF YOUR VEHICLE IN SPACES PROVIDED BELOW FOR REFERENCE WHEN ORDERING REPLACEMENT PARTS.

Model No. _____ Color _____

S e r i a l _____ N o . _____

Engine Model No. _____
(from engine)

