

COTICHA

OWNER'S MANUAL
TEMPORARY EDITION

ABOUT YOUR GOT'CHA

Your GOT'CHA has been designed and engineered to offer you the ultimate in off-the road driving pleasure.

The GOT'CHA's powerful air-cooled aluminum engine, patented drive-train for fail-safe operation, and exclusive hydraulically operated steering system, combine with the flotation tires for go anywhere, do anything fun.

GOT'CHA is also an amphibious machine that will go through water so you can ford a stream, cross a pond, move through a swamp, or what have you.

Your GOT'CHA is for year-around family fun, so when it snows it's a snowmobile. If there's ground around, it's a go-kart. At the beach, it's a dune buggy. It's for anywhere that roads aren't because it makes its own.

SPECIFICATIONS

Weight:

Model 4000	390 lbs.
Model 5000	410 lbs.
Load Capacity, approx	400 lbs.
Ground Pressure	1-2 P.S.I.
Height	36-1/2"
Width	56" Total
Length	87-1/2" Total
Land Speed	10-20 M.P.H.
Water Speed	2 M.P.H.
With 4 H.P. outboard	5 M.P.H.
Freeboard	11-14

Turning Radius (inside)	0"
Tire Pressure	1#1/2-2 P.S.I.
Climbing Ability	30°-45° Grade
Ground Clearance	6"
Fuel Capacity	3-1/2 gallons
(Approximately 5-1/2 hrs. continuous service)	
Body	Reinforced Fiberglass
Engine - 4 Cycle Briggs & Stratton: 8 HP	

Transmission	Variable Speed automatic torque converter
Brakes	Independent Full Hydraulic Braking
Suspension	Shock absorbtion tires with flexible steel load trans- fer system

Tires	High Flootation 21 x 12-8
Throttle	Foot operated
Choke	Manual
Axles	1-3/16 Heavy Duty
Seating	1 & 2
Ignition	Ignition Switch, dash mounted

GENERAL INFORMATION

Your engine is a single-cylinder L-head air-cooled type.

Bore		3"
Stroke		2-3/4"
Displacement	19.44 Cu. In.	= 318 C.C.
Horsepower	8 H.P. @ 3600 RPM	
Torque	11.6 Ft. Lbs. max. @ 3600 RPM	

TUNE-UP SPECIFICATIONS

	A. C.	Autolite	Champion
Spark Plug Type			
Short Plug	CS-45	A7N	CJ-8
Spark Plug Gap			.030"
Intake Valve Clearance		.005"	.007"
Exhaust Valve Clearance		.009"	.011"
Ignition Point Gap			.020"

NOTE: "GOT'CHAS" are for off-the-road use and are not designed to be used on the highway. The manufacturer does not represent that they are equipped for nor legally meet acceptable standards for such use. All specifications are subject to change without notice.

CAUTION: Blast cleaning of spark plugs in machines that use abrasive grit is not recommended. Spark plugs should be cleaned with a commercial solvent or gasoline.

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INSTRUCTIONS FOR STEERING

Steering is accomplished by pulling the stick on the side toward the desired turn. The sharpness of the turn depends on the amount the stick is pulled. Braking is accomplished by releasing the accelerator pedal and pulling both sticks at the same time.

All steering should be made under moderate acceleration as this affords a greater degree of control. No turns should be attempted before forward motion has been obtained.

A short amount of practice will made any one proficient at turning smoothly.

CONTROLS

The controls in your Got'cha have been engineered for easy access and ease of operation.

1. Ignition Switch Model 4000 - A simple "on and off" toggle switch located for convenient operation and quick access.
2. Starter Switch, Model 5000 - A key-operated starter switch controlling starter, ignition, and headlight. (Optional)
3. Choke - A dash control cable to the carburetor - only necessary when engine is cold.
4. Accelerator Pedal - A large aluminum pedal shaped to fit your foot.
5. Fuel Shut Off, Model 5000-only - A screw type valve located in tank outlet.
6. Steering and Seating Accommodations for 1or2 people - A unique feature of the Got'cha is the low bucket seat and steering control in the center of the vehicle for use of the driver without a passenger and the setup to slide the steering six inches to the right and addition of the bench seat section so that vehicle can be comfortably operated from the right side with passenger on the left.

Sliding of the steering controls is accomplished by rotating the two camlock levers to the vertical position to slide and rotating forward and downward to lock in the new position. Controls should be extreme left against stop or to extreme right against stop.

OTHER FEATURES

1. Battery

Model 5000 - 12-Volt Wet Cell used for headlight and starter operation.

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SEAT & FLOORBOARD

Contoured ABS single bucket seat in center - pad insert for double seating - light, durable and comfortable.

BODY

Constructed of metalflake impregnated fiberglass reinforced plastic.

FUEL TANK

3-1/2 Gallon capacity - welded steel construction

STARTER ROPE (Not-Shown)

On Model 4000 - Rubber "I" Handle located for easy access from drivers compartment or standing outside the vehicle. One sharp pull starts your Got'cha.

FUEL VALVE

Located under tank at rear outside of unit.

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MUFFLER

Gives you that deep tone of performance without being objectionable.

TROUGH PROTECTORS

Tough abrasion shields made of stamped aluminum for extra durability.

DRAIN PLUG

Located so as to be out of the way of obstacles passing under the vehicle and for easy removal to drain any water that might accumulate in the engine compartment.

TIRES

A high flotation molded rubber tire with separate rim.

STARTING YOUR GOT'CHA

CAUTION

Always check for leaking gas in unit before starting.

Open fuel shut-off, turn ignition switch to "on", pull choke to "On", depress accelerator slightly. Start unit. Allow one to two minutes for warm-up, then push choke closed. Depress accelerator and your fun begins.

OPERATING YOUR GOT'CHA

The Got'cha steers by braking action of the tires on each side of the vehicle. Because of this action, the vehicle will almost turn around in its own length. Avoid sharp turn from a stopped position, always move forward a few feet and then initiate a turn. To increase speed, depressing accelerator is all that is necessary. To stop engine, turn ignition switch to "OFF".

NOTE: Model 5000

The unit contains 2 fuses - 1 for the headlights and ignition switch located in the red wire near the power train. The other is in the engine under the starter. If this fuse is blown out the alternator will not charge the battery. So if the battery goes dead, the first thing to check is this fuse.

OPERATING HINTS

Extreme Cold Weather:

Check cold starting procedure in engine section. If you store your "Got'cha", it should be blocked up to take the weight off the tires to avoid them freezing in a flattened position.

Extreme Hot Weather:

Keep air-vents free of obstacles and obstructions so engine has maximum breathing advantage. After prolonged periods of extreme usage in hot weather, let engine cool down by idling before shutting off.

HILL CLIMBING:

On extremely steep hills, drive straight up maintaining steady power.

DOWN-HILL:

On steep downhill slopes, simply use caution based on your capabilities.

ICY CONDITION:

Discretion should be exercised. The operator should familiarize himself thoroughly with how the vehicle operates on frozen surfaces before assuming normal operations.

GENERAL SAFETY PRECAUTIONS

1. Always shut off fuel when the vehicle is not in use.
2. Do not attempt any repairs while the engine is running.
3. Do not operate without the floor and seat in place.
4. Do not obstruct air-intake vents to engine compartment or screen over engine.
5. Check oil level before using, by depressing plastic bulb on oil minder. If oil can be seen in tube when bulb is released, level is sufficient.
6. Check gasoline supply before each usage.

WATER SAFETY PRECAUTIONS

Your "GOY'CHA" is not a boat. It was not designed for extensive use in deep water. Do not use in large bodies of water such as lakes and rivers except close to the shoreline. Do not use in swiftly flowing streams.

Your "GOY'CHA'S" water speed is only 1' to 2 miles per hour and any swift current will carry it away.

Whenever your "GOY'CHA" is used in water over three(3) feet deep, it is recommended that life preservers be carried for each passenger. In addition, two (2) paddles should be carried in case of engine failure or should unsuspected currents arise.

NOTE: On Model 5000

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Do not ground the green wire on the ignition switch to any other hot lead in the vehicle. If you do, this will blow out the coil and the engine will not operate.

GENERAL SERVICE INFORMATION

IMPORTANT: READ THIS SECTION CAREFULLY BEFORE USING YOUR "GOT'CHA".

PROVIDE SUFFICIENT VENTILATION: Exhaust gases contain carbon monoxide, an odorless and deadly poison. Do not operate your "GOT'CHA" in an enclosed area.

DO NOT FILL GASOLINE TANK WHILE ENGINE IS RUNNING: Avoid spilling gasoline on a hot engine - this may cause an explosion and serious injury.

***NOTE:** Check and make sure there isn't any gasoline spillage in engine compartment.

SECTION 1 -- FUELS AND LUBRICANTS

"OIL-FOAM" AIR CLEANER - The air cleaners are oiled at the factory and do not require initial service.

LUBRICATION RECOMMENDATIONS - Any high quality detergent oil bearing the American Petroleum Institute Classification "For Service NS" can be used in your Briggs & Stratton engine. Detergent oils keep the engine cleaner and retard the formation of gum and varnish deposits.

Winter
(Below 40° F.)
Use SAE 5W - 20

Summer
(Above 40° F.)
Use SAE 30

Nothing should be added to the recommended oils.

CAUTION - The two covered grease fittings in the steering cylinders are fillers for hydraulic system and are not intended for lubrication. The hydraulic system uses automatic transmission fluid (Type A

PROCEDURE FOR BLEEDING HYDRAULIC SYSTEM OF "GOTCHA"

Use Type "A" Automatic Transmission Fluid & Gun #900590

1. Remove dust cap from bleeder fittings on steering and braking slave cylinders at power train.
2. Raise right side and rear of vehicle approximately one foot and start bleeding left steering cylinder. Pump fluid into system until a steady flow of fluid with NO air bubbles is seen flowing into vent tube.
3. Raise left side and rear of vehicle approximately one foot and start bleeding right steering cylinder. (Make sure hand oil pump is full before bleeding right side.) Use same procedure.
4. Replace dust caps on bleeder fittings. They should be finger tight plus 1/16 to 1/8 turn.

(We have in stock Gun No. 900590 for this procedure.)

FILL FUEL TANK - Use clean, fresh "regular" grade gasoline.
CAUTION: The use of old or stale gasoline will result in gun deposits clogging the fuel system and carburetor. Make sure that venthole in the tank cap is open.

DO NOT MIX OIL WITH GASOLINE!

SECTION II -- REGULAR MAINTENANCE

CHANGE OIL (CRANKCASE) - Change oil after first 5 hours of operation. Thereafter, change oil after every 25 hours of operation. Remove oil drain plug at rear of engine and drain oil while engine is warm. Replace drain plug. Remove oil minder and refill with new oil of proper grade to overflowing. Replace oil minder. Check oil level regularly; always before starting and at least after 5 hours of operation.

BE SURE OIL LEVEL IS MAINTAINED.

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SERVICE AIR CLEANER REGULARLY ("OIL-FOAM" TYPE):

1. Remove wing nut and cover.
2. Lift off foam element from support base.
3. Remove plastic support tube assembly from foam element by compressing foam element.
4. (a) Wash foam element in kerosene or liquid detergent and water to remove dirt.
(b) Wring foam in cloth and squeeze dry.
(c) Saturate foam in engine oil. Squeeze to remove excess oil.
(d) Put screen inside element. Be sure sealing lip is over end of screen (top and bottom)
5. Insert plastic support tube assembly into element so that end cap without projection enters first. Make sure metal caps are seated on screen.

IMPORTANT: When support tube is in place, pull rubber gasket over shoulder of plastic end cap. Rubber gasket then forms a protective seal when cover is assembled.

6. Install element and cover. Tighten wing nut securely.

CLEAN COOLING SYSTEM - Grass or chaff may clog cooling system after prolonged service. Continued operation with a clogged cooling system causes severe overheating and possible engine damage. Remove blower housing and clean regularly.

SPARK PLUG - Clean and reset gap at .030" every 100 hours of operation. Replace as needed.

BREAKER POINTS- Breaker Point Gap .020". Access to points requires removal of blower housing and flywheel. NOTE: Crankshafts have R.H. Thread.

CLEANING OF FUEL - The fuel tank should be checked periodically for a gummy substance at outlet. This may be cleaned with alcohol or acetone.

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MAIN MIXTURE ADJUSTMENT - Block up off ground. Start engine and bring to operating temperature. Hold throttle at maximum RPM and turn needle valve clockwise until engine misses (lean mixture); then turn it counterclockwise out past smooth operating point until engine runs unevenly (rich mixture). Set mixture control to mid-point plus 1/8 turn rich, between full lean and full rich. (This is usually 1/2 turn). Lock into position by tightening needle valve nut.

IDLE SPEED AND MIXTURE ADJUSTMENT - Hold throttle at idle speed, adjusting screw to obtain approximately 1150 RPM. (Drive pulley will be in neutral position @ 1150 RPM and not engaged into belt). Turn idle valve in (lean) and out (rich) until engine idles smoothly. Recheck idle speed adjustment. If engine does not accelerate properly, the carburetor should be readjusted to a slightly richer mixture.

*NOTE: Engine has been preset at factory 1150 RPM idle speed/3000 RPM maximum governed speed.

POWER TRAIN ADJUSTMENT - (Block up off the ground when adjusting chains).

POWER TRAIN PROTECTORS - Floor board and seat may be removed to inspect, oil, and adjust power transmission system at each axle.

*NOTE: All chains must be lubricated after every 5 hours of running time for maximum life and operating efficiency.

1) AXLE CHAIN ADJUSTMENT: (Weight must be off wheels). From 3-cluster sprocket to front wheel, exert 25 lb. hand pull in order to take all slack out of chain from 3-cluster sprocket to rear wheel. Lay straightedge from 3-cluster to front wheel sprocket on the top of the chain, exert 25 lb. hand pull on same chain downward. Distance from straightedge to center of chain roller should be from $15/16$ " to $1-3/8$ ".

(a) Adjustment Procedure: Loosen bolt "A", loosen bolt "B". Take up bolts "C" until distance between straightedge and chain is $3/4$ ". Retighten bolts "B" and "A" in that order.

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2) THREE-CLUSTER SPROCKET TO CLUTCH SHAFT CHAIN ADJUSTMENT: From 3-cluster sprocket to clutch shaft sprocket exert 15 lb. hand pull. Then measure from top surface of clutch spring tube to center of chain roller. Distance should be no less than $2-5/8$ " and no more than $3-1/8$ ".

(a) Adjustment Procedure: Loosen bolt "A" and bolts "D". Tighten bolt "E" until distance is $2-5/8$ ". Retighten bolts "D" and "A".

*NOTE: All chains must be lubricated every 5 hours of running time for maximum life and operating efficiency.

STEERING AND BRAKE ADJUSTMENT- Steering is excessively easy and "GOT'CHA" will not make sharp turns, then adjustment is necessary.

- (a) Adjustment Procedure: Between brake plate lining and driven disk, space should be between $1/32"$ and $3/32"$. If it is not, add shims provided to both front and back of brakes on both sides.

STORAGE INSTRUCTIONS:

If your "GOT'CHA" is to be stored over 30 days, engine should be completely drained of fuel to prevent gum deposits forming on essential carburetor parts, fuel filter, fuel lines and tank.

- (a) Drain fuel tank completely.
- (b) Operate engine until gasoline in carburetor is completely consumed.
- (c) While engine is still warm, drain oil from crankcase. Refill with fresh oil.
- (d) Remove spark plug, pour one (1) ounce of SAE-30 oil into cylinder and crank slowly to distribute oil. Replace spark plug.
- (e) Clean dirt and chaff from cylinder head fins and blower housing.

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TIRE INFLATION 1-1/2 P.S.I. to 2 P.S.I. - Proper tire inflation is extremely important for maximum performance and to avoid undue stress on the powertrain components. Improper inflation may cause damage to the power-train components and fiberglass body. All 4 wheels should be inflated to the same diameter. If tires are not inflated to same diameter unit will pull to the right or left.

Every 5 hours of operation if a noticeable difference in tire inflation is apparent, inflation should be checked.

TIPS CONCERNING YOUR "GOT'CHA BODY"

Your "GOT'CHA" body is constructed of metal-flake impregnated fade resistant reinforced fiberglass. All "GOT'CHA" owners should take normal precautionary measures to protect their investment. The manufacturer recommends the following:

1. Keep vehicle covered when not in use (custom-fitted covers are available from your dealer).
2. Automotive wax may be used to maintain high body finish.
3. Do not use rubbing compounds or polishing as they may turn the flake silver.
4. In case of extensive body damage, contact your dealer for repair procedures.





ENGINE WARRANTY

SAVE THIS INFORMATION FOR YOUR OWN RECORD

BRIGGS & STRATTON ENGINE WARRANTY

For one year from purchase date, Briggs & Stratton Corp. will replace for the original purchaser, FREE OF CHARGE, any part, or parts, found upon examination by any Factory Authorized Service Center, or by the Factory at Milwaukee, Wisconsin, to be DEFECTIVE IN MATERIAL AND WORKMANSHIP.

All transportation charges on parts submitted for replacement under this Warranty must be borne by purchaser.

THERE IS NO OTHER WARRANTY EXPRESSED OR IMPLIED. BRIGGS & STRATTON CORP., SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

NOTE: The Briggs & Stratton Engine Warranty does not cover breakage of parts or damage to parts due to abuse or failure to follow recommended regular maintenance of crankcase oil level, cleaning of air cleaner and engine cooling fins, nor does it warranty any accessories, controls or equipment not of their manufacture.

MAINTENANCE AND LUBRICATION SCHEDULE

EACH 5 HOURS OF OPERATION:

1. Remove floor & seat and clean out trough.
2. Make visual inspection of tightness of all fasteners (nuts and bolts). *NOTE: Bolts painted with "red" heads are for chain adjustments and should not be re-tightened.
3. Oil Chains: Apply SAE 30W oil at sprockets and rotate chains.
4. Oil Jackshaft at attachment.
5. Oil clutch actuating rod, shaft that moves when steering.
6. Oil all throttle control linkage including choke control and accelerator pedal swivel.
7. Check gasoline in tank as to any foreign material.
8. Check air cleaner for dirt.
9. Check oil level (change after first 5 hours and then each 25 hours of operation).
10. Check tire inflation.
11. Check attachment of tires to hubs and tightness of nuts holding wheel to hub.

EACH 25 HOURS OF OPERATION:

1. Change oil.
2. Clean Air Filter
3. Oil Steering system components.
4. Check chain adjustment (See Chain Adjustment Procedure).
5. Grease axle seals (use fiber base wheel bearing grease).
6. Check 12 Volt battery water level visually to insure proper level is maintained.



NATION WIDE SERVICE ORGANIZATION

Briggs & Stratton maintains a vast network of Authorized Service Centers that are prepared to give you prompt and efficient engine service.

Each member of this organization carries a stock of original Briggs & Stratton repair parts and is equipped with special service tools. Trained mechanics assure expert repair service on all Briggs & Stratton engines.

If parts not manufactured or approved by Briggs & Stratton Corp. are used in the repair of this engine, or if repairs are performed by an unauthorized person, the warranty may be voided. Whenever your engine needs repair, insist on ORIGINAL SERVICE PARTS AND AUTHORIZED FACTORY TRAINED MECHANICS. Look for the Dealer displaying this sign.

See yellow pages of your Classified Telephone Directory for nearby engine service under heading - "Engines Gasoline" or "Gasoline Engines".



Engine Model No. _____

Type No. _____ Code No. _____

Dealer Purchased From _____

Date _____

Type of Equipment _____

Name or Trademark of Equipment _____

Manufacturer _____

**NO REGISTRATION (WARRANTY) CARD IS NECESSARY IN ORDER TO OBTAIN ON
BRIGGS & STRATTON ENGINES.**

In case warranty service is ever needed you should present the above information to the nearest Briggs & Stratton Authorized Service Center. You will need to give a complete report on the trouble experienced and the number of hours the engine has run since the equipment was purchased.

If you differ with the decision of a Service Center on a Warranty claim, the Service Center's terms should be accepted. The Service Center will submit all supporting facts to the factory for review. If the factory's decision is that your claim is justified, you will be fully reimbursed for those items accepted as defective. For replacement parts or service, the Model, Type and Code Numbers are needed by the Authorized Service Center.



"GOT'CHA" CUSTOMER WARRANTY POLICY

Action-Ape, Inc. warrants each "Got'cha" manufactured by it to be free from defects in material and workmanship for a period of 90-days from the date of purchase. We will, through our dealer organization, replace free of charge, any defective part F.O.B. the factory.

PROVIDED:

1. The factory copy of the Warranty Card has been completed and returned to the factory within ten days, from purchase date.
2. The equipment has not previously been repaired or altered so as to affect its operation, or has not been damaged due to accident, misuse or neglect.

This warranty applies to the Warranty Card Registrant only.

This warranty shall not apply to engines, since they are subject to the warranty of the manufacturer thereof* nor the axles as to bending, and all sprockets and chains, the life and conditions of these parts being almost entirely dependent upon proper adjustment and use by the owner.

NOTE: Any Got'cha that is used for competitive racing will not be covered by warranty, unless specifically authorized, in writing, by the factory.

There are no warranties which extend beyond the description on the face hereof. No other warranty, whether expressed or implied, shall exist in connection with the sale or use of any Got'cha manufactured by this company.

*For engine service, contact the engine manufacturer's local service headquarters.



TROUBLE CHART

<u>TROUBLE</u>	<u>CAUSE</u>	<u>REMEDY</u>
Unit pulls to right or left.	Different tire diameters.	Check all tires for 62" circumference.
Unit will not make sharp turns.	Brake clearance excessive.	Shim brakes.
Engine will not start (starter operates).	No fuel.	Fill tank. Check shutoff @ tank & d for open. Check for clogged filter tank outlet valve.
	No spark.	Check mag-(green) wire f grounding condition.
Engine starter will not operate.	Fuse blown.	Replace fuse in holder @ gine compartment.
	Battery low on charge.	Disconnect and charge to charge.
Chains come off.	Improper adjustment.	Adjust chains.
Lack of speed:		
1. @ high speed	Carburetor mixture incorrect.	Adjust main mixture as p instructions.
2. @ climbing hills	Worn drive belt.	Replace drive belt.