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Thanks Richard Clark 4846 Quarry Rd New Albany IN 47150 USA

Scrambler

MODELS 1200 & 1500



OWNERS MANUAL

INTRODUCTION

On behalf of your Scrambler dealer and the entire Action-Age organization, we welcome you to the wonderful world of "Scrambling".

Your purchase of a Scrambler, we realize, is an important decision and represents a large investment. Therefore, this Owners Manual is intended to acquaint you with the proper operation and general maintenance of your new Scrambler.

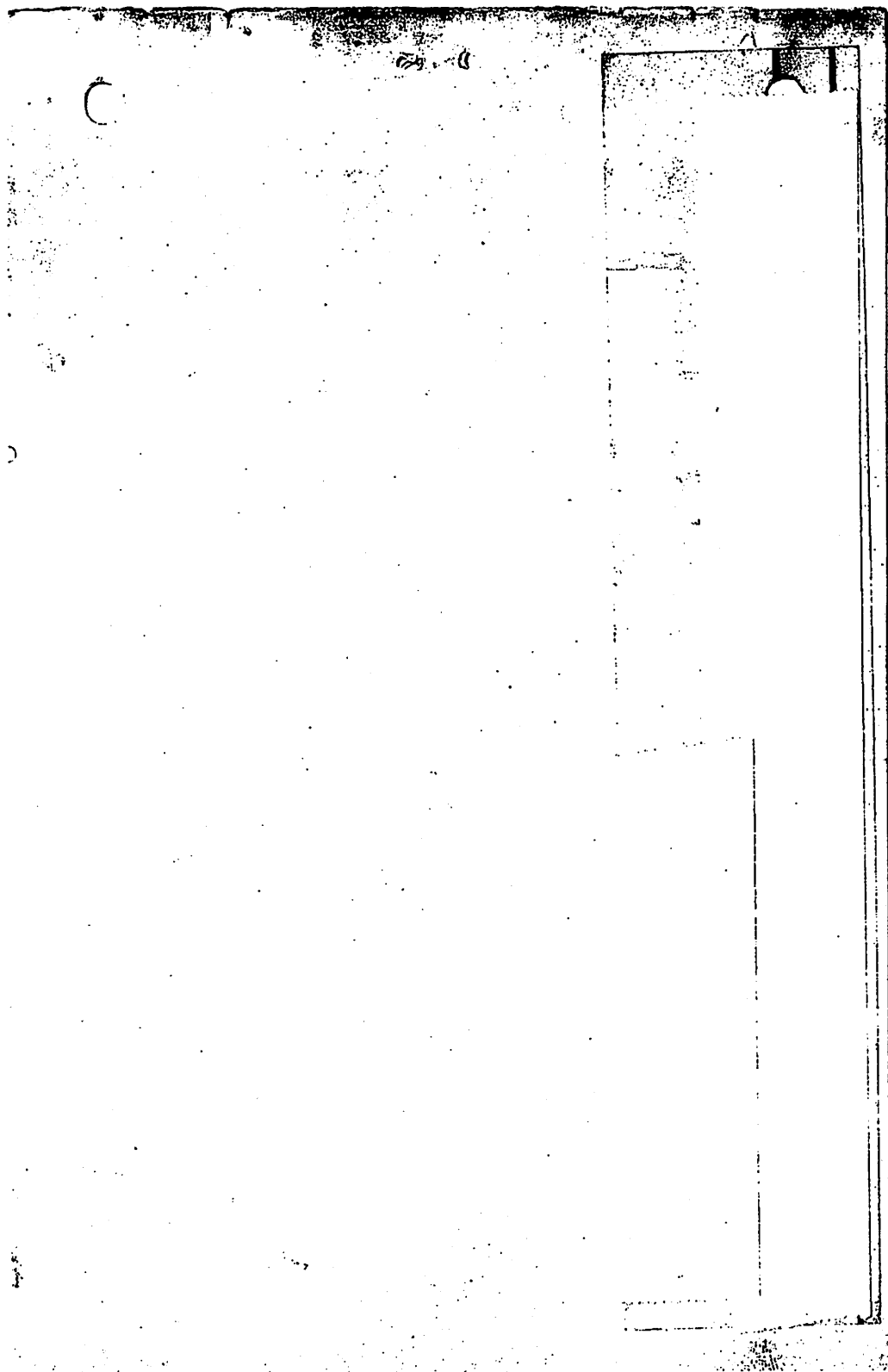
We urge you to read this guide carefully so you are familiar with all the features engineered into the Scrambler. In this way you can enjoy your vehicle to the fullest.

Your Scrambler dealer knows your Scrambler best and has the trained personnel to perform service that may be required to maintain your vehicle in top operating conditions.

THANK YOU AND HAPPY "SCRAMBLING".

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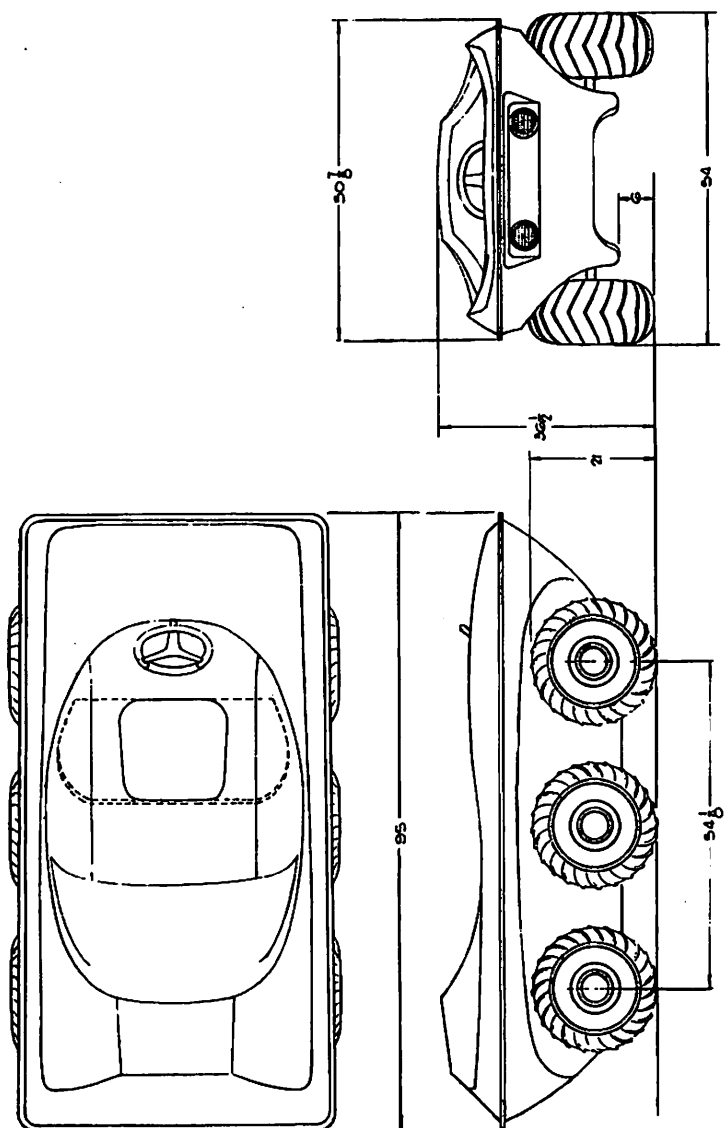
ABOUT YOUR SCRAMBLER

Your "SCRAMBLER" has been designed and engineered to offer you the ultimate in off-the-road driving pleasure. Its spacious seating arrangement and extra length provide the necessary ingredients to accommodate family or friends for that all day trip to anywhere.

The "SCRAMBLER'S" powerful air-cooled cast iron engine, patented drive-train for fail-safe operation, and exclusive hydraulically operated steering system, combine with the "Hi-Flex" flotation tires for go anywhere, do anything fun.

"SCRAMBLER" is also an amphibious type machine that will traverse water so you can ford a stream, cross a pond or move through a swamp.

Your "SCRAMBLER" is for year-around family fun. 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.



SPECIFICATION

Weight:

Model 1200 700 lbs.
 Model 1500 700 lbs.

 Load Capacity, 1200 & 1500 800 lbs.
 Ground Pressure 1 P.S.I.
 Height 36½"
 Width 54" Total
 Length 95" Total
 Land Speed, 1200 & 1500 28-30 M.P.H.
 Water Speed 2 M.P.H.
 With 4 H.P. outboard 5 M.P.H.
 Freeboard 17½"

Turning Radius (inside) 0"
 Tire Pressure 1½ lbs. P.S.I.
 Climbing Ability 45° Grade
 Ground Clearance 6"

Fuel Capacity 3 gallons
 (Approximately 5 hours continuous service)
 Body Reinforced Fiberglass

Engine — 4 Cycle Tecumseh
 Models 1200 & 1500 — 12 H.P.

Transmission Variable Speed
 automatic torque converter
 Brakes Full Hydraulic braking
 Suspension Shock absorbing tires
 with flexible steel load transfer system

Tires High Floatation Ultra-Flex 11 x 20"
 Throttle Foot operated
 Choke Manual
 Axles 1-3/16" Dia. Heavy Duty
 Lighting Sealed Beam headlights
 Seating Three
 Ignition ... Standard key ignition switch, dash mounted

GENERAL INFORMATION

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

MODEL SERIES

Models 1200 & 1500

Engine Model	HH120
Bore	3-1/2"
Stroke	2-7/8"
Displacement	27.66 Cu. In.—453 C.C.
Horsepower	12 H.P. max. @ 3600 RPM
Torque	17.5 Ft. Lbs. max. @ 3600 RPM

TUNE-UP SPECIFICATIONS

Spark Plug Type	(Champion) J-8
Spark Plug Gap	.028 - .033"
Ignition — Solid State - Air Gap	.008"
Intake Valve Clearance	.010"
Exhaust Valve Clearance	.020"

NOTE: "SCRAMBLERS" 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.

INSTRUCTIONS FOR STEERING

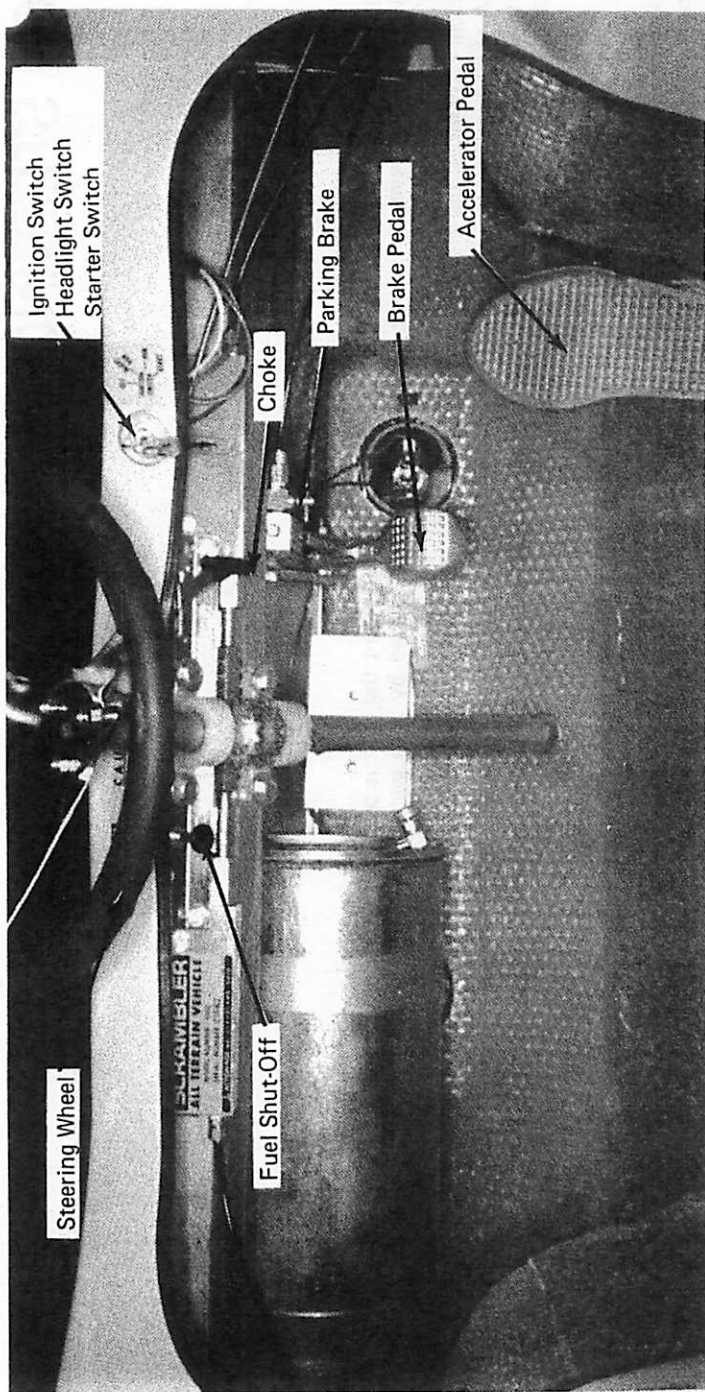
On the models equipped with a steering wheel, (1200) the steering wheel, is used in a manner similar to a car, however, quicker due to the hydraulic controls. A gradual turn can be made by turning the wheel slightly which dis-engages the drive on the side you are turning into. A pivot type turn is made by turning the wheel to the lock position which also applies the brakes on the direction of the turn.

On models using the "stick" controls, Model 1500, steering is accomplished in somewhat the same manner, 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 on these models 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 make any one proficient at turning smoothly.



CONTROLS

The controls in your Scrambler have been engineered for easy access and ease of operation.

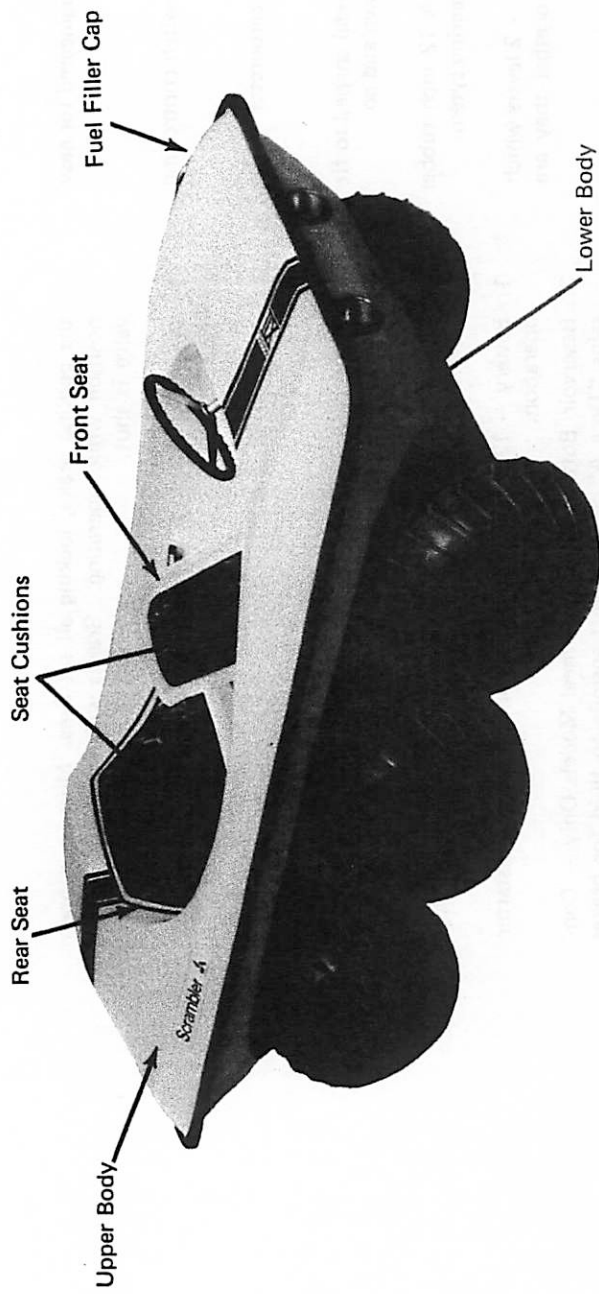
1. Starter Switch — A key operated starter switch controlling starter, ignition, and headlight.
2. Choke — A lever controlled cable to the carburetor - only necessary when engine is cold.
4. Accelerator Pedal — A large aluminum pedal shaped to fit your foot — in the Scrambler just push down and go.
5. Steering Wheel - Model 1200 Only — A 12 inch rubber covered wheel that controls a hydraulic steering system.
- 5A. Sticks (not shown) - Model 1500 Only — 2 levers which operate the steering for each side. Together they are the brake.
6. Parking Brake — A 1/4 turn valve used to block hydraulic system. Simply pump foot pedal then hold it down and turn handle on fitting so it is pointing at you. This sets

the parking brake, locking all six tires. Must be in open position while operating. Brakes will not operate when valve is shut.

7. Fuel Shut Off — A push pull valve located on left under dash.

OTHER FEATURES

1. Battery — 12 Volt Wet Cell used for headlights and starter operation.
2. Reservoir Bottle — Steering Wheel Models Only — Contains "Type A" automotive transmission fluid for brakes and steering. Should be kept above 1/2 full.
3. Headlights — Small sealed beam mounted for convenient night operation.



FRONT SEAT

Contoured fiberglass single bucket seat — light, durable and comfortable.

REAR SEAT

Designed to accommodate two people, removable for easy access to engine compartment.

UPPER BODY

Constructed of color impregnated fade resistant reinforced fiberglass which is extremely resistant to the abuses encountered in rough terrain.

LOWER BODY

Constructed of color impregnated fade resistant fiberglass reinforced plastic which is extremely resistant to the abuses encountered in rough terrain.

FUEL TANK (Not Shown)

A 3 gallon tank located for convenient filling away from Engine with 1/4 turn cap.

FLOORBOARD (Not Shown)

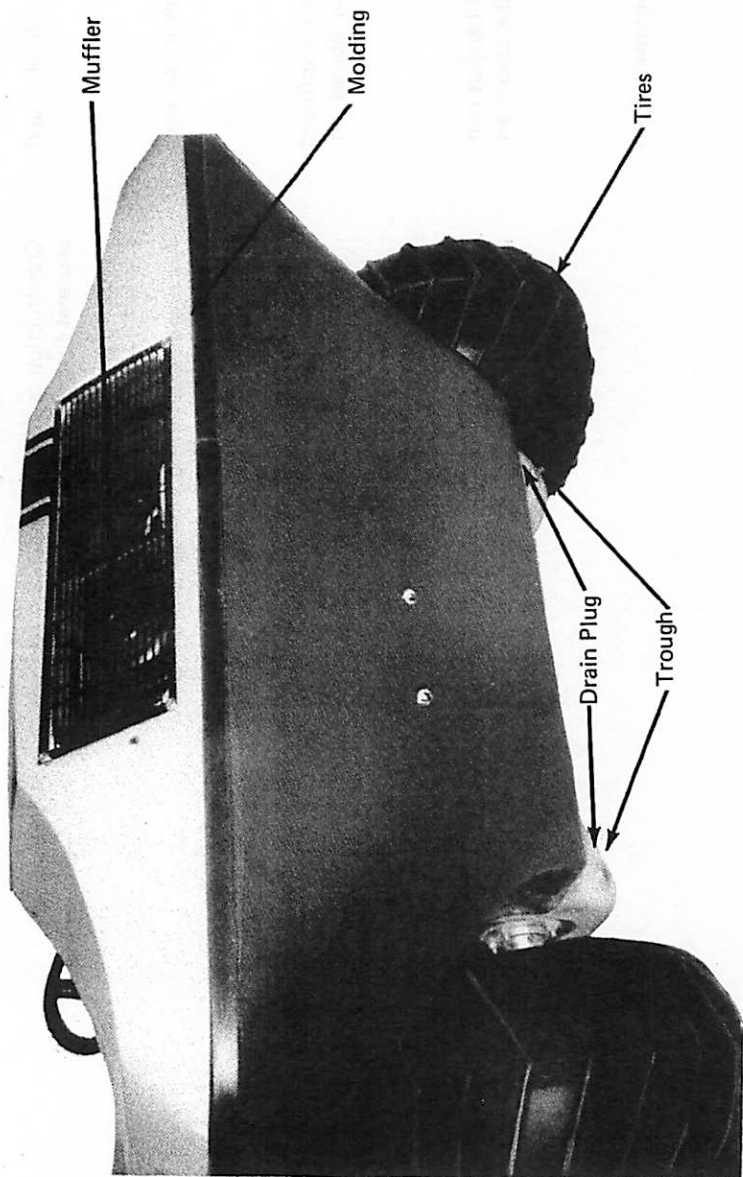
Construction is same as upper and lower body. Mounts seat and seat bracket as a unit.

FUEL FILLER CAP

A screw-on cap for the three gallon fuel tank.

SEAT CUSHIONS

Vinyl covered and foam filled for added riding comfort.



MOLDING

A hard Poly-vinyl chloride extrusion used as a sealing and protective ring where the upper and lower join.

MUFFLER

Gives you that deep tone of performance without being objectionable.

TROUGH

A tough abrasion shield made of high density polyethylene added 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 hi-flex, high flotation molded rubber tire with integral hub.

STARTING YOUR SCRAMBLER

CAUTION

Always check for spilled gas in unit before starting. To do this efficiently you should remove the rear seat.

Pull fuel shut-off to open position, set parking brake, turn ignition switch to "on", move choke lever to "on", depress accelerator slightly. Start unit. Allow one to two minutes for warm-up, then move choke lever to "Off", release brake. Depress accelerator and your Scrambling fun begins.

OPERATING YOUR SCRAMBLER

The Scrambler 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. The foot brake stops all six wheels at one time. To increase speed, depressing accelerator is all that is necessary. To stop engine, turn ignition switch to "OFF".

NOTE:

On all 12 H.P. units, if both headlights are burned out, the unit will not shut off. These units also contain a fuse for the headlights and ignition switch located in the red wire near the power train.

NOTE: Fuel Tank

There is a vent tube for the gas tank that exits thru the front of the unit between the headlights. This could cause some spilling when the tank is full.

OPERATING HINTS

Extreme Cold Weather:

Check cold starting procedure in engine section. If you store your "Scrambler", it should be blocked up to take the weight off the tires to avoid them freezing in a flattened position. Remove drain plugs to remove any accumulated water so it does not freeze.

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. Your "Scrambler" is equipped with a brake that you may use as you would an automobile brake under the same conditions.

ICY CONDITION:

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

NARROW DEEP DITCHES AND OBSTACLES, ETC:

When approaching this type of situation, drive up slowly then ease forward until front tires touch, then proceed slowly.

We recommend 2 open end 1/2 wrenches, a pair of pliers and a medium screwdriver be carried in Scrambler at all times.

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 boards and rear seat in place.
4. Do not obstruct air-intake vents to engine compartments.
5. Check oil level before using by removing rear seat.
6. Check gasoline supply before each usage.
7. Do not use holding brake for extended periods of time.

WATER SAFETY PRECAUTIONS

Your "SCRAMBLER" 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 "SCRAMBLER'S" water speed is approximately 2 to 3 miles per hour and any swift current may cause control problems.

Whenever your "SCRAMBLER" 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 Models 1200 & 1500

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 solid state ignition and the engine will not operate.

GENERAL SERVICE INFORMATION

IMPORTANT: READ THIS SECTION CAREFULLY BEFORE USING YOUR "SCRAMBLER".

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

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

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

SECTION I -- FUELS AND LUBRICANTS

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

Nothing should be added to the recommended oils.

CAUTION - The three covered grease fittings (located near hydraulic lines in engine compartment) are fillers for hydraulic system and are not intended for lubrication. The hydraulic system uses automatic transmission fluid (Type A).

INSTALLING SPARE BELT - Remove left hand steering slave cylinder. Cut old belt with knife and remove. Put new belt over pulley on engine and start over pulley on clutch shaft. Roll Scrambler ahead until belt is completely on pulley. Replace slave cylinder.

FILL FUEL TANK - Use clean, fresh "regular" grade gasoline. **CAUTION:** The use of old or stale gasoline will result in gum deposits clogging the fuel system and carburetor. **DO NOT MIX OIL WITH GASOLINE!**

SECTION II -- REGULAR MAINTENANCE

- a. Use oil with a minimum A.P.I. classification M.S.
- b. Clean oil is essential, change oil every twenty-five hours or sooner if equipment is operated in extremely dusty conditions. Change "break-in" oil after first two (2) hours.
- c. Oil level is to be checked every five operating hours or sooner. **DO NOT OVER FILL.** Remove Rear Seat and unscrew oil dip stick; wipe off dip stick and screw oil dip stick cap into filler opening as far as possible when checking oil level. Over filling may cause oil seals to leak and excessive oil consumption.
- d. Oil may turn black after only a few hours of operation. This is only the lead coating on the connecting rod coming off into the oil. The oil can still continue to be used until the twenty-five hours or sooner "limit" is reached, depending on operating conditions.
- e. To drain oil, use shallow pan of approximately 2½ qt. capacity, remove square plug at rear of engine (A-Fig. II) and drain. It is best to raise front of unit about 10" so engine will drain completely.

Fill engine with proper weight oil (see Fig. III) until oil stick reads full. Engine should be filled thru filler tube (B-Fig. I) using funnel or small cup.

- f. Use a small brush or compressed air to clean the cooling fin area. It is necessary to remove the heat shroud to do this. Wipe the entire engine clean for better cooling and appearance. Tighten all bolts, especially mounting bolts, this will keep damaging vibration to a minimum. All checks, cleaning and tightening should be done at the normal 25 hour interval.

NOTE: If the fuel system in the 12 H.P. unit is allowed to run dry, the system must be reprimed.

BE SURE OIL LEVEL IS MAINTAINED.

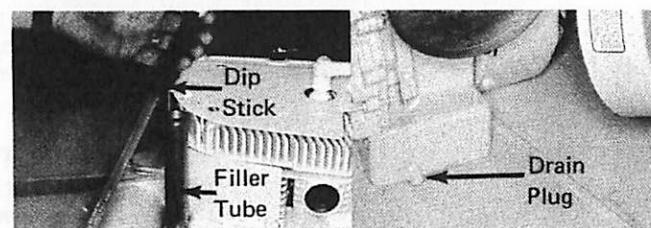
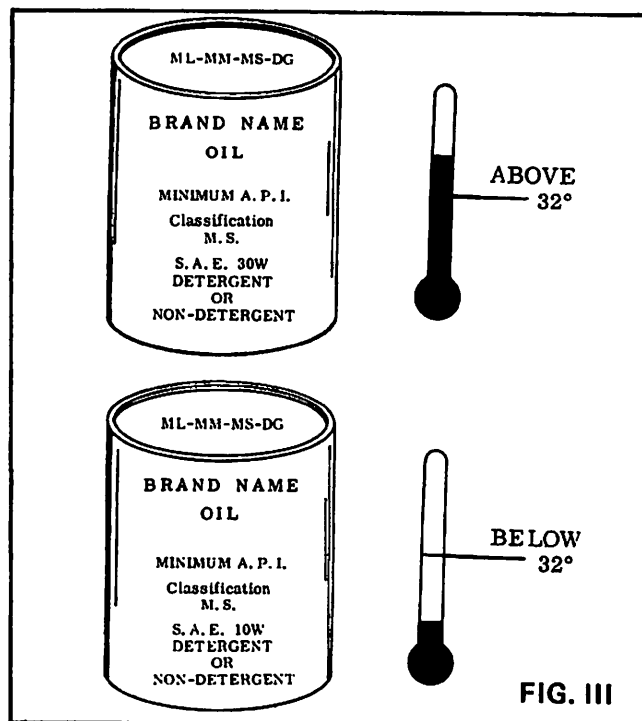
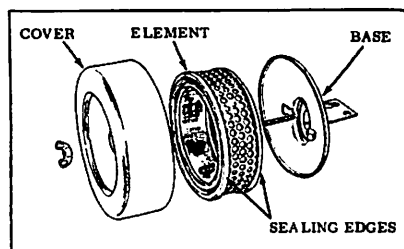


FIG. I

FIG. II

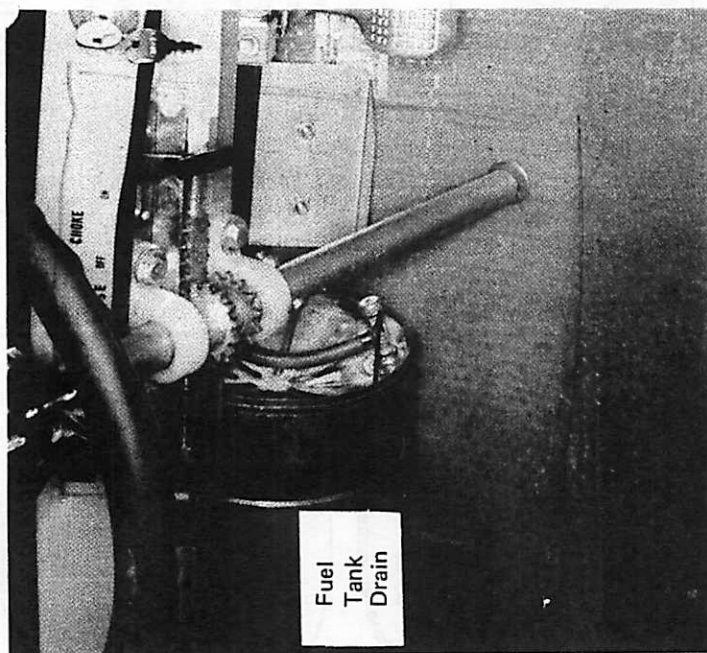
SERVICE AIR CLEANER REGULARLY (PAPER TYPE):

Dry type air cleaners are treated paper elements with rubber-like sealing edges. It is important that the edges of these elements seat properly to prevent dirt leakage. Compressed air may be used to clean the element. Compressed air should be directed from the inside of the element blowing toward the outside to dislodge the accumulated dirt. Tapping the element on a block of wood will also dislodge accumulated dirt. Do not clean with liquid solvents or gasoline. Clean frequently to assure full engine power and performance. Never operate the engine without the air cleaner properly assembled. Do not puncture element. Carefully inspect element for cracks and holes.



CLEAN COOLING SYSTEM - Dust or dirt may clog cooling system after prolonged service. Continued operation with a clogged cooling system causes severe overheating and possible engine damage. Remove rear grill and loosen muffler bracket and remove 4 bolts on Blower Housing, move Blower Housing away from engine as far as possible. Use soft brush and compressed air to clean fins on head and engine.

CLEANING OF FUEL TANK - The fuel tank should be checked periodically for a gummy substance at outlet. This may be cleaned with alcohol or acetone. Block up left side of unit and remove hose and fitting shown in picture. Flush tank with small amount of fresh gas. Shut off valve has small screen that should also be cleaned.



MAIN MIXTURE ADJUSTMENT

1. Close power adjusting needle (Fig. 1) by turning to right (clockwise). Close finger tight only. Forcing will cause damage.
2. Open 1 & 1/2 turn (counterclockwise).
3. Close idle adjusting needle (Fig. 1) by turning to right (clockwise). Close finger tight only. Forcing will cause damage.
4. Open 2 turns (counterclockwise).
5. Start engine. Follow starting instructions page 14.
6. With throttle open (carburetor at "run" or "fast" position) adjust power adjusting needle one-eighth (1/8) turn at a time forward or backward until engine runs smoothly. If engine tends to stall under load, enrich mixture slightly (counterclockwise).
7. Hold throttle lever closed or move carburetor control to "idle or slow" position and adjust idle adjusting needle until the engine runs smoothly, proceeding as in step (6) six above.
8. Allow several seconds between each adjustment when performing either step six (6) or seven (7) to allow engine to react to new setting.

Hold throttle at idle speed, adjusting throttle stop screw at 1700 RPM. (Drive pulley will be in neutral position at 1700 RPM and not engaged into belt.) Turn idle adjustment needle in (lean) and out (rich) until engine idles smoothly. Recheck idle adjustment. If engine does not accelerate properly, the carburetor should be readjusted to a slightly richer mixture.

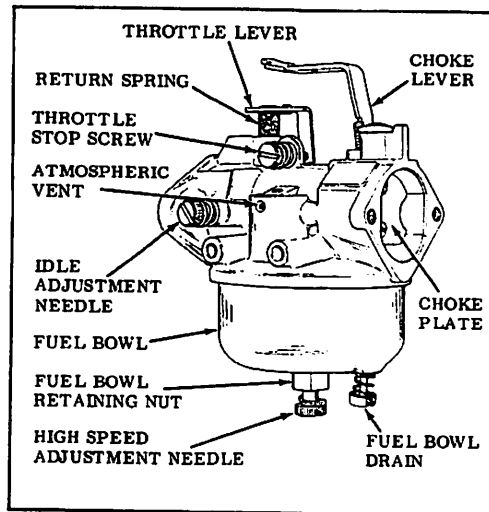
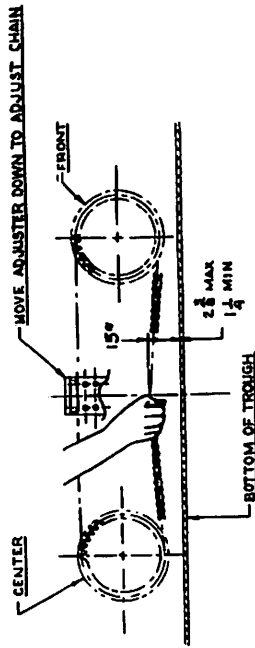


FIG. 1

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

POWER TRAIN PROTECTORS - The rear seat is held in place by a series of clips, and may be removed to inspect engine and transmission. Rear seat may be lifted out and floor board and front seat may be removed as one unit to inspect, oil, and adjust power transmission system at each axle.



FRONT TO CENTER CHAIN ADJUSTMENT

- 1) **CENTER TO FRONT CHAIN ADJUSTMENT.**
From center span of that portion of chain closest to floor,

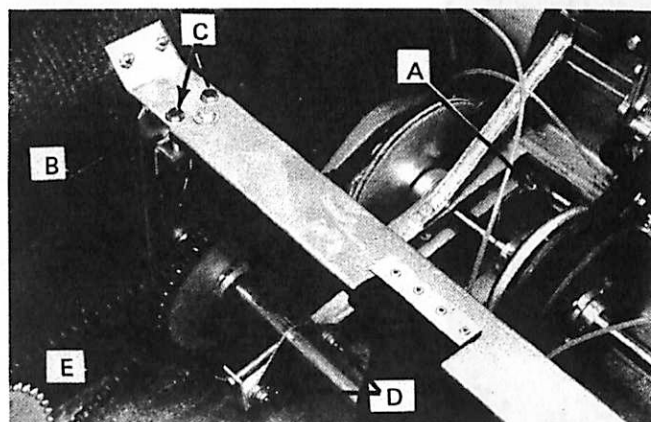
exert 15 lb. hand pull and if chain slack is more than 2-3/8" from floor to center of chain roller, chains need adjustment. Move chain adjuster to next highest hole. Recheck play not to be less than 1-1/4" from floor to center of chain roller.

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

- 2) **CENTER TO REAR CHAIN ADJUSTMENT:**
(Weight must be off center and rear wheels). From 3-cluster sprocket to rear 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 center wheel sprocket on the top of the chain, exert 15 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 15/16". Retighten bolts "B" and "A" in that order.

Picture is of 8 H.P. unit but bolts are in same location. This picture was used because Bolt "A" is "hidden" on Models 1200 & 1500.

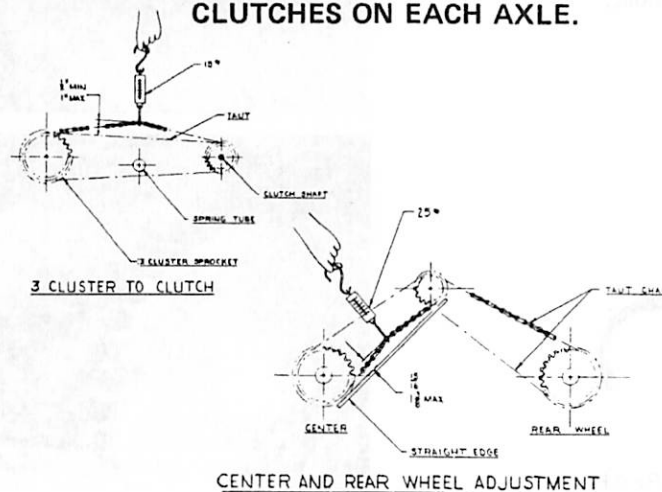


- 3) **THREE-CLUSTER SPROCKET TO CLUTCH SHAFT CHAIN ADJUSTMENT:** From 3-cluster sprocket to clutch shaft sprocket exert 25 lb. hand pull. Then measure from top surface of clutch spring tube to center of chain roller. Distance should be no less than 2-5/8" and no more than 3-1/8".

(a) Adjustment Procedure: Loosen bolt "A" and bolts "D". Tighten bolt "E" until chain slack 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.

CAUTION: DO NOT SPILL OIL ON WHEEL CLUTCHES ON EACH AXLE.

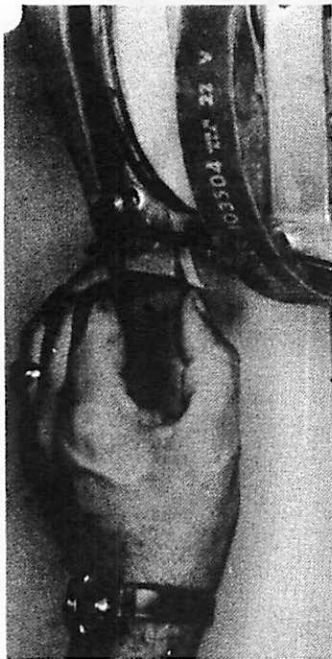


STEERING AND BRAKE ADJUSTMENT- If brake pedal is low or steering is excessively easy and "SCRAMBLER" will not make sharp turns, then adjustment is necessary.

(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.



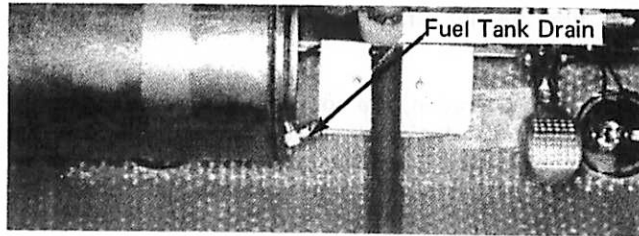
FRONT REAR



STORAGE INSTRUCTIONS:

If your "SCRAMBLER" 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. Refer to Fuel Tank page 20.

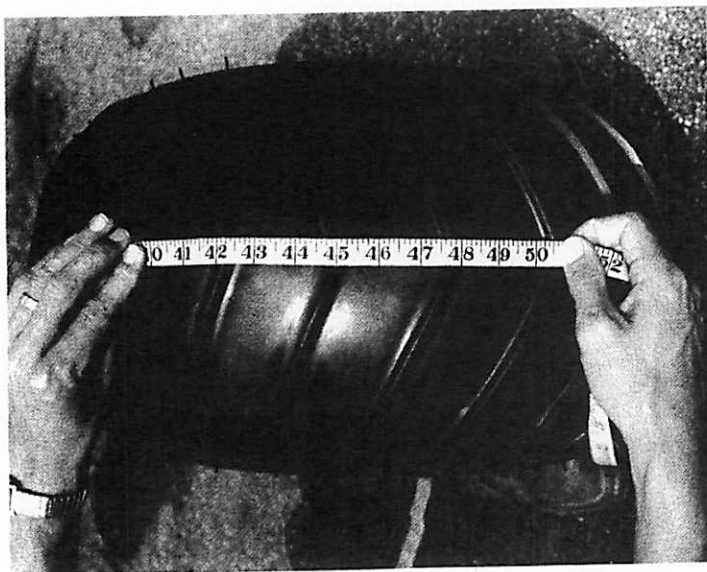


- (b) Operate engine until gasoline in carburetor is completely consumed.
- (c) While engine is still warm, drain oil from crankcase. Refill with fresh oil.
- (d) Remove spark plug, pour one (1) ounce of SAE-30 oil into cylinder and crank slowly to distribute oil. Replace spark plug.
- (e) Clean dirt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

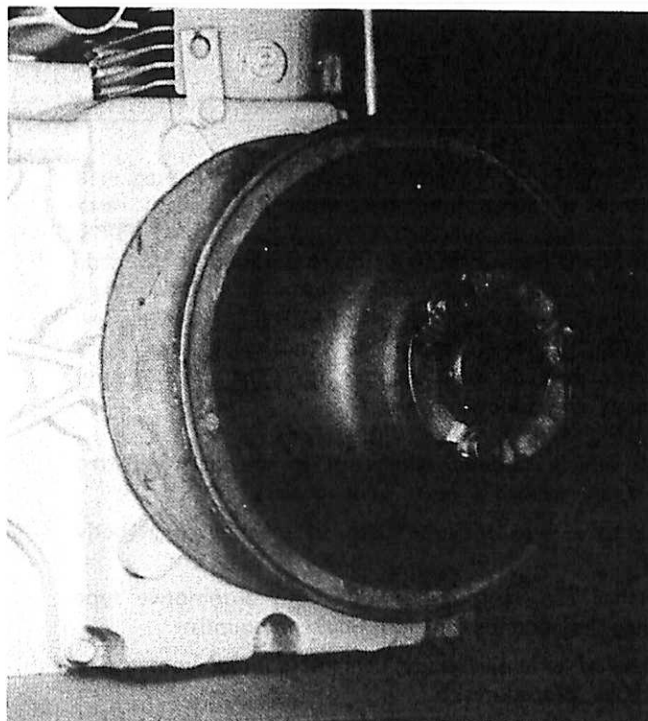
TIRE INFLATION - Proper tire inflation is extremely important for maximum performance and to avoid undue stress on the powertrain components. Improper inflation may cause damage to the powertrain components and fiberglass body. All six (6) wheels should be inflated to the same diameter. If tires are 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. Block up the vehicle so an accurate measurement can be made. Then use an ordinary dressmakers cloth tape measure and measure the circumference of each tire at the centerline. If tire is properly inflated, this measurement should be 63 inches.

In case of PUNCTURE, simply use an ordinary cold patch kit and repair outside of tire as you would an innertube, making sure you rough up tire very good.



TORQUE CONTROL LUBRICATION- If engine tends to stall out after making sharp turns, torque converter may need lubrication to allow it to drop back into low range which it should do each time a sharp turn is made. To lubricate, remove the 3 bolts that hold the converter cover, then remove the cover, then lubricate all moving parts that will then be exposed. Use #30 wt. oil. Replace cover. As a regular maintenance item, the torque converter should be lubricated approximately every 25 hours.



TIPS CONCERNING YOUR "SCRAMBLER BODY"

Your "SCRAMBLER" is constructed of color impregnated fade resistant reinforced fiberglass, which is extremely resistant to the abuses encountered in rough terrain. Along the underside of the body is an extra tough abrasion shield made of high density polyethylene which adds an additional margin of durability to your "SCRAMBLER". However, all "SCRAMBLER" 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. Scratches can be polished out with automotive type rubbing compounds or polishing compounds.
4. In case of extensive body damage, contact your dealer for repair procedures.

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 NE-
CESSARY IN ORDER TO OBTAIN WARRANTY
ON TECUMSEH ENGINES.**

In case warranty service is ever needed you should present the above information to the nearest Tecumseh 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.

NATION WIDE SERVICE ORGANIZATION

Tecumseh 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 Tecumseh repair parts and is equipped with special service tools. Trained mechanics assure expert service on all Tecumseh engines.

If parts not manufactured or approved by Tecumseh 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".

MAINTENANCE AND LUBRICATION SCHEDULE

EACH 5 HOURS OF OPERATION:

1. Remove floorboards 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 #30 wt. oil at sprockets with chains running.
4. Oil Jackshaft at attachment.
5. Oil Springs between large washer and sprocket on each axle (when so equipped).
6. Oil clutch actuating rod, shaft that moves when wheel is turned, (under rear seat).
7. Oil all throttle control linkage including choke control and accelerator pedal swivel.
8. Check gasoline in tank as to any foreign material.
9. Check air cleaner for dirt.

10. Check oil level (change after first 5 hours and then each 25 hours of operation).
11. Check tire inflation.
12. 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. Oil brake linkage.
5. Check chain adjustment (See Chain Adjustment Procedure).
6. Grease axle bearings (use fiber base wheel bearing grease).
7. Check 12 Volt battery water level visually to insure proper level is maintained.

WARRANTY POLICY

The Lauson-Power Products Engine Division of Tecumseh Products Company (Manufacturer) will, at its option, replace or repair WITHOUT CHARGE to the original purchaser any part or parts manufactured by it and found upon examination by any Manufacturer's Authorized Service Outlet or at the Manufacturer's Factory at Grafton, Wisconsin, to be DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP if received for such examination, in the case of engines for use on chainsaws within thirty (30) days, and in all other cases within ONE YEAR, from date of original purchase, except that engines used to power any vehicle used in competitive racing or on commercial and/or rental tracks are not warranted in any respect.

All transportation charges on, and damages and loss incurred in connection with the transportation of, parts submitted for replacement or repair under this Warranty shall be borne by the purchaser.

This warranty shall not apply to any engine or part which shall

have been repaired or altered in any way by persons other than Manufacturer's Authorized Service Personnel, not shall this warranty apply to any damage resulting from accident, alteration, misuse or abuse, nor shall this warranty apply to any damage resulting from failure to follow the Manufacturer's Instructions for operation and maintenance of engines and parts.

"The foregoing warranty IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY (INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PURPOSE) and of any other obligations and/or liabilities on the part of Manufacturer and Manufacturer neither assumes nor authorizes any other person, natural or corporate, to assume for it any other obligation or liability in connection with or with respect to any engine or parts. The Manufacturer shall in no event be liable for any consequential, incidental or special damages nor for the improper selection of an engine or part for a particular application."

"SCRAMBLER" CUSTOMER WARRANTY POLICY

Action-Age, Inc. warrants each "Scrambler" 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, B. F. Goodrich Hy-Flex Tires, or Firestone tires, 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 Scrambler 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 Scrambler manufactured by this company.

*For warranty service on tires, follow the procedures outlined in the tire warranty policy.

TROUBLE CHART

TROUBLE

CAUSE

REMEDY

Unit pulls to right or left.

Different tire diameters.

Check all tires for 63" circumference.

Unit will not make sharp turns.

Brake clearance excessive.

Shim brakes.

Engine will not start (starter operates).

No fuel.

Fill tank.

Check shut off @ tank & dash for open.

Check for clogged filter @ tank outlet valve.

No spark.

Check mag-(green) wire for grounding condition.

Engine starter will not operate.

Fuse blown.

Replace fuse in holder @ engine compartment.

Battery low on charge.

Disconnect and charge battery.

Chains come off.

Improper adjustment.

Adjust chains.

Lack of speed:

1. @ high speed

Carburetor mixture incorrect.

Adjust main mixture as per instructions.

2. @ climbing hills

Work drive belt.

Replace drive belt with spare belt as per instructions.

H. Submitting the Claim (Dealer)

- A. Dealer must fill out Warranty Claim completely. Incomplete claims will not be accepted by the factory. A separate Warranty Claim must be filled out for each item repaired under warranty.**
- B All parts listed on the Warranty Claim must state quantity, part number, and full description as indicated in the Parts Catalogue and Parts Price Catalogue.**
- C. All parts listed on the Warrant Claim must be properly tagged and the tag number recorded on the Warranty Claim immediately following the part name. Any part or parts not properly tagged will not be considered for Warranty credit and will be scrapped.**
- D. Warranty Claims accompanied by the respective parts should be forwarded freight prepaid to SCRAMBLER INC., Warranty Department, 126 South Main Street, Genoa, Ohio, 43430. Dealer retains the White Copy (marked "DEALERS COPY") for his files.**

III. Factory Procedure

- A. Upon receipt of the parts and Warranty Claim, SCRAMBLER INC. will:**

- 1. Examine the claim to make sure it has be properly completed.**
- 2. Examine the parts to make sure they have been listed on the claim, have been properly tagged and have not been repaired or altered or have been subjected to misuse, neglect, or accident. Any parts found not defective or non-defective parts attached to defective parts will not be considered for credit and it will not be the responsibilities of SCRAMBLER INC. to return these parts.**
- 3. Check the serial number on the claim against the Warranty Card.**

If the serial number is not recorded on the Warranty Card (Supplied with each new vehicle) is not on file at the factory, the claim will be refused. Emphasis to all dealers on this point should be stressed. We recommend the dealer complete the factory portion of the warranty card for his customer at the time of purchase and foreward it immediately to the factory.

IV. Issuing Credit

- A. After approval of the Warranty Claim, SCRAMBLER INC., will issue credit to the Dealer at Dealer Cost.**
- B. Credit Only will be issued to a Dealer against a Warranty Claim and any replacement parts needed must be reordered from our Order Service Department.**
- C. If, for any reason, warranty is refused, SCRAMBLER INC., will notify the Dealer.**

V. Return of Completed Units (Vehicles)

- A. Under no circumstances shall complete Vehicles be returned to SCRAMBLER INC., unless prior permission is obtained in writing from the factory.**

126 S. MAIN

Scrambler Inc.
GENOA, OHIO 43430
Phone (419) 855-3800

Scrambler Inc.

126 SOUTH MAIN STREET

GENOA, OHIO, 43430

PHONE (419) 855-3800

SCRAMBLER AND GOT'CHA ALL TERRAIN VEHICLES

PRICE LIST

EFFECTIVE NOVEMBER 1, 1974

MODEL	NO.		LIST PRICE
*GOT'CHA	5000	8 H.P. ELECTRIC START	1616.00
*GOT'CHA DELUXE	8000 2400	10 H.P. ELECTRIC START " " "	1666.00 1876.00
#SCRAMBLER	1200	12 H.P. ELECTRIC START	2044.00
#SCRAMBLER	1400	14 H.P. ELECTRIC START	2099.00
#SCRAMBLER	1600	16 H.P. ELECTRIC START	2144.00
#SCRAMBLER	2000	COMPLETE SCRAMBLER EXCEPT ENGINE	1799.00
REVERSE IS EXTRA FOR ALL MACHINES - ADD			99.90
RED, YELLOW & WHITE - STANDARD COLORS ANY OTHER SOLID COLOR - ADD			14.40
METAL FLAKE COLORS (TOP ONLY) - ADD			25.00

*5000 & 8000 - Stick Steering Only

#1200, 1400, 1600 & 2000 - Stick or Wheel Steering

All prices are F.O.B. Genoa, Ohio and are subject to a \$45.00 factory crating and packaging charge when required.

All prices are subject to change without notice.

All orders will be shipped upon receipt of full payment or sight draft Bill of Lading or COD.

Where shipments are made via our truck, payment for freight charges are due net on arrival

Manufacturers of All Terrain Vehicles and Leisure Time Products

THE SUPER NEW SCRAMBLER

**THE PERFECT GO ANYWHERE DO ANYTHING MACHINE
FOR SPORTSMEN, HUNTERS, FAMILYS, AND EVERYONE,
ANYWHERE, ANYTIME**

ON LAND . . . IT'S A MOVIN' MACHINE!

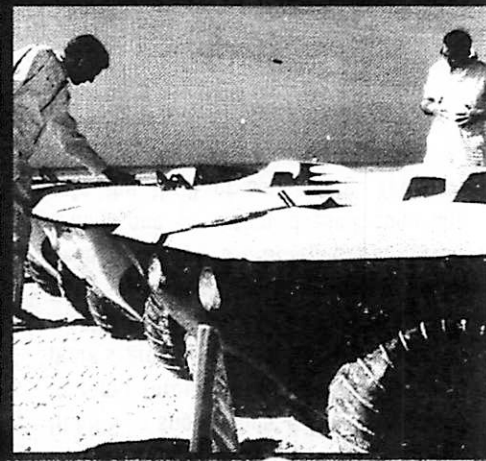
IN SNOW . . . IT'S A SNOWMOBILE!

IN WATER . . . IT'S AMPHIBIOUS!

IN SAND . . . IT'S A DUNE BUGGY!

REVERSE NOW AVAILABLE ON ALL MACHINES

SCRAMBLER INC., 26 SOUTH MAIN ST., GENOA, OHIO 43430



Scrambler

The year-round snowmobile "SCRAMBLER" is also a year-round go-kart, amphibious craft, dune buggy, or family fun mobile. Not just a winter fun investment, but an all-year-round, all terrain, all family sport vehicle. "SCRAMBLER" is a new concept in mobility.

Six wheel drive gives you go-anywhere, do-anything action.

A "SCRAMBLER" is for anywhere that roads aren't. It makes its own. Through sand, swamp, snow or what have you. "SCRAMBLER" is amphibious. It'll find



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Six wheel drive gives you go-anywhere, do-anything action.

A "SCRAMBLER" is for anywhere that roads aren't. It makes its own. Through sand, swamp, snow or what have you. "SCRAMBLER" is amphibious. It'll ford a stream. Cross a pond. Get you to a duck blind. You can scramble up 45° grades. If there's snow on the ground, "SCRAMBLER'S" a snowmobile. If there's a swamp to romp through, it's a swamp buggy. If there's ground around, it's a go-kart. But mostly a "SCRAMBLER" is just plain fun. For sportsmen, hunters and families. Reading about a "SCRAMBLER," even seeing one in action doesn't communicate the thrill of scrambling. You have to try it yourself.

For information write:

SCRAMBLER, INC.
26 S. Main St.
GENOA, OHIO 43430

Scrambler

Scrambler Specifications

MODEL	BODY	ENGINE TYPE/MAKE	HP	STAR	LENGTH	WIDTH	STEERING SYSTEM	BRANKING	TRANS.	FINAL DRIVE	NO. OF WHEELS	AMPHI-BIOUS DRIVE	WEIGHT LBS.	AVERAGE SPEED LAND/WATER	PRIC
GOTCHA	FIBER-GLASS	TECUMSEH 4 CYL.	8	ELEC.	87"	54"	STICK	HYDRL. DISC.	DRY	CHAIN	4	TIRE ROTATION	425	25/3	1616.00
GOTCHA DELUXE	FIBER-GLASS	TECUMSEH 4 CYL.	10	ELEC.	87"	54"	STICK	HYDRL. DISC.	DRY	CHAIN	4	TIRE ROTATION	475	35/4	1666.00
SCRAMBLER 1200	FIBER-GLASS	TECUMSEH 4 CYL.	12	ELEC.	95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	700	30/3	2044.00
SCRAMBLER 1400	FIBER-GLASS	TECUMSEH 4 CYL.	14	ELEC.	95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	710	30/4	2089.00
SCRAMBLER 1600	FIBER-GLASS	TECUMSEH 4 CYL.	16	ELEC.	95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	720	35/4	2144.00
SCRAMBLER 2000	FIBER-GLASS	NONE			95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	600		1799.00

ALL SCRAMBLER MODELS ARE ENGINEERED & BUILT FOR SAFETY, SPEED, VERSATILITY AND RELIABILITY COUPLED WITH OVERALL SIMPLICITY OF MAINTENANCE & OPERATION. YOUR CHOICE OF RED, YELLOW, WHITE OR COMBINATION OF THESE COLORS. ALSO, AVAILABLE IN GOLD, GREEN, RED & BLUE METAL FLAKE AT ADDITIONAL CHARGE, WINDSHIELD, SEAT CUSHIONS, CHROME HUB CAPS AND GOLD METAL FLAKE BODY AS SHOWN ON REVERSE SIDE ARE OPTIONAL. REVERSE \$100.00 ADDITIONAL ON ALL MACHINES

Scrambler Specifications

MODEL	BODY	ENGINE TYPE/MAKE	HP	STAR	LENGTH	WIDTH	STEERING SYSTEM	BRANKING	TRANS.	FINAL DRIVE	NO. OF WHEELS	AMPHI-BIOUS DRIVE	WEIGHT LBS.	AVERAGE SPEED LAND/WATER	PRIC
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SCRAMBLER 1600	FIBER-GLASS	TECUMSEH 4 CYL.	16	ELEC.	95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	720	35/4	2144.00
SCRAMBLER 2000	FIBER-GLASS	NONE			95"	54"	WHEEL & STICK	HYDRL. DISC.	DRY	CHAIN	6	TIRE ROTATION	600		1799.00

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THE PERFECT

FOR SPORTS,

ANYWHERE,

ON LAND . .

IN WATER . . . IT'S A

REVERSE

SC

Scrambler

all-terrain vehicle

Scrambler Inc.

126 S. MAIN ST. GENOA, OHIO, 43430
PHONE (419) 855-3800

- **WORLD'S ONLY *FAMILY* ATV**
- **SAFEST ATV BUILT BY ANYONE**
- **PRODUCT OF 50,000 MAN/HOURS OF
ENGINEERING AND TESTING**
- **HIGHEST QUALITY MATERIALS
AND WORKMANSHIP**

ask for a test ride now!

price



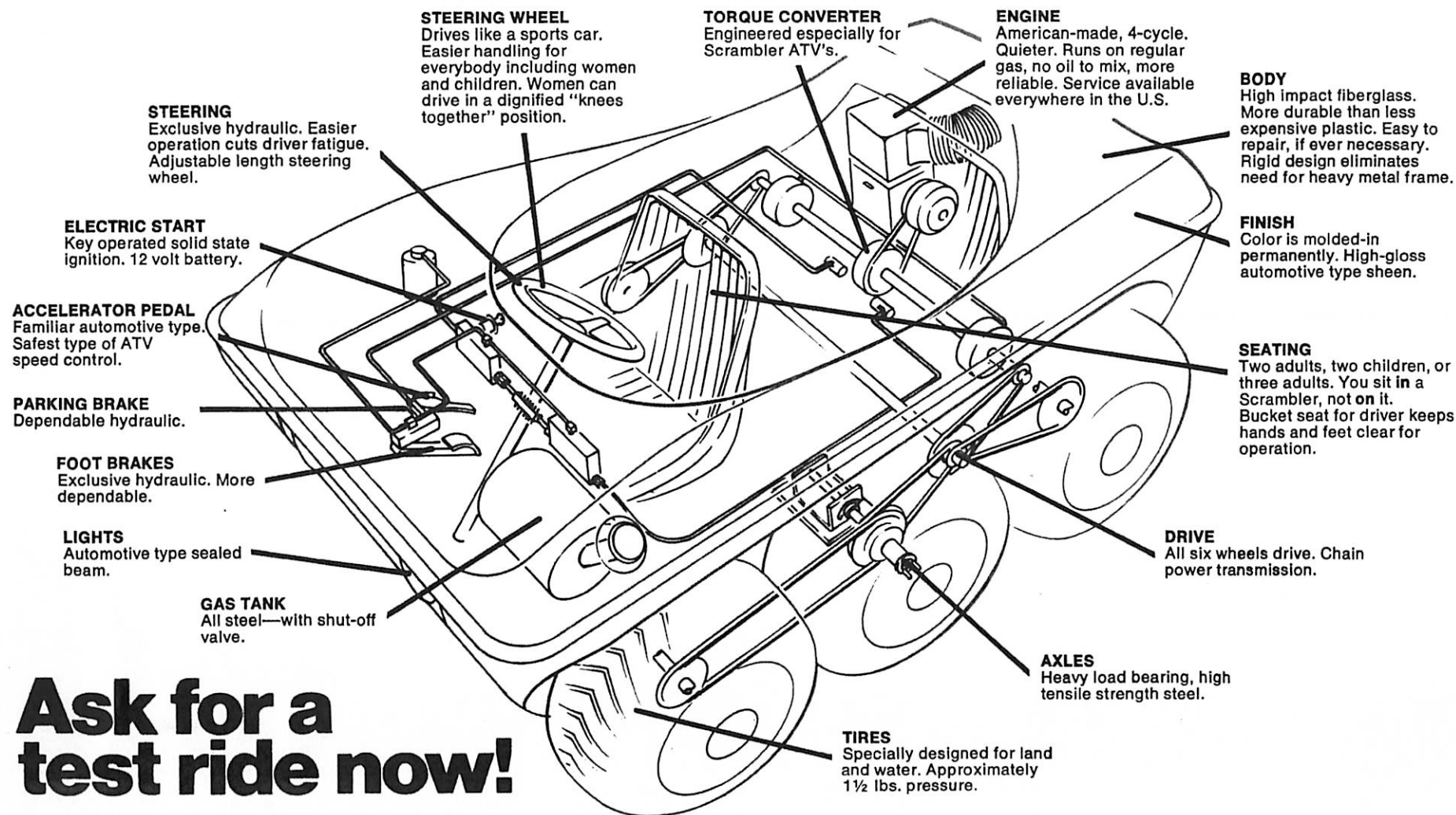
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PHONE (419) 855-3800

Scrambler

all-terrain vehicle

The fun starts where the road ends



STEERING WHEEL
Drives like a sports car. Easier handling for everybody including women and children. Women can drive in a dignified "knees together" position.

TORQUE CONVERTER
Engineered especially for Scrambler ATV's.

ENGINE
American-made, 4-cycle. Quieter. Runs on regular gas, no oil to mix, more reliable. Service available everywhere in the U.S.

BODY
High impact fiberglass. More durable than less expensive plastic. Easy to repair, if ever necessary. Rigid design eliminates need for heavy metal frame.

FINISH
Color is molded-in permanently. High-gloss automotive type sheen.

SEATING
Two adults, two children, or three adults. You sit in a Scrambler, not on it. Bucket seat for driver keeps hands and feet clear for operation.

DRIVE
All six wheels drive. Chain power transmission.

AXLES
Heavy load bearing, high tensile strength steel.

TIRES
Specially designed for land and water. Approximately 1 1/2 lbs. pressure.

GAS TANK
All steel—with shut-off valve.

LIGHTS
Automotive type sealed beam.

FOOT BRAKES
Exclusive hydraulic. More dependable.

PARKING BRAKE
Dependable hydraulic.

ACCELERATOR PEDAL
Familiar automotive type. Safest type of ATV speed control.

ELECTRIC START
Key operated solid state ignition. 12 volt battery.

STEERING
Exclusive hydraulic. Easier operation cuts driver fatigue. Adjustable length steering wheel.

Ask for a test ride now!