

VERSATREK



THE *ORIGINAL* GO-ANYWHERE
Owners Manual

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VERSATREK JIGER "TWIN-SIX" SPECIFICATIONS

Body	Moulded Fibreglass
Net weight	375 lbs.
Gross weight	800 lbs.
Length	80 ¾ inches
Width	52 inches
Height	35 inches
Speed (Land)	20 m.p.h.
(Water)	2 knots
Freeboard (Water Clearance at Lowest Point)	12 inches
Wheelbase	44 ¼ inches
Turning Radius	0
Climbing Ability (Gross Weight)	70% gradient
Tires	11 x 20 cordless
Engine	(Hirth) 12 hp, 246 c.c. 2 stroke, air-cooled.
Transmission	Dual variable-range hydrostatic w/reverse
Drive	6 wheel
Steering	Single T-Bar Control Column
Seating	2 Adults
Suspension	High Flotation low pressure tires

ROAD TRAILER SPECIFICATIONS

Trailer Weight	185 lbs.
Trailer Carrying Capacity	650 lbs.
Trailer Length	78 inches
Trailer Width	56 inches
Trailer Tongue	3 feet

1. OPERATING INSTRUCTIONS

A. FUEL MIXTURE

Pre-mix in a clean container, regular grade (not super) automobile gas with Jiger Engine Oil: ½ pint oil to 1½ gallons gas. Jiger Oil has been specially formulated for use in the Jiger air-cooled, two-stroke engine. Certain other types of two-stroke oil have been found unsuitable and even damaging. Jiger Oil is the only recommended lubricant, and should be used exclusively in order to ensure maximum engine performance. Should you be driving where Jiger Oil is not available, for a limited time only you may use a good quality 30 or 40 grade mineral oil. Do not use heavy duty, detergent, or outboard motor oil. As soon as possible return to Jiger two-stroke air-cooled engine oil, with corrosion inhibitors.

B. RUNNING IN ENGINE

During the first ten hours of operation, the engine should be run-in with utmost care. DO NOT rev up to top R.P.M. in neutral or overload during this period. After the first few hours, check and tighten, if necessary, all nuts, bolts, screws, fasteners, etc.

C. STARTING - COLD MOTOR

1. Check to insure fuel cock on gas line (below gas tank) is open.
2. Turn key to on position.
3. Pull choke to on position.
4. Take handle on starter cable and pull until resistance is felt. From that point, pull handle briskly out to about 2 feet beyond the back shelf. Allow handle to recoil slowly while still holding it in your hand, under control. DO NOT RELEASE. This controlled return enables the internal spring to rewind the cable on the starter pulley. Repeat process two or three times if necessary.
5. When motor starts, return choke to running position.
6. If engine starts then cuts out immediately, return choke to running position and repeat pulling procedure.
7. If engine still fails to start, begin over again at step Number 1.

D. STARTING - WARM MOTOR

1. Choke may not have to be used. Start off with pulling procedure.
2. If engine fails to start after three pulls, begin procedure for cold motor.

CAUTION

Do not race or rev motor when cold. Starter cord reaches about 3½ feet beyond back shelf. Do not pull to maximum distance, or damage may be done to recoil mechanism and stripping will be required to rewind cord.

E. MAJOR STARTING TROUBLES AND REMEDIES

1. Engine fails to start due to lack of fuel. Check to insure ignition key is turned on, fuel cock is open, and fuel tank is not empty. Otherwise:

TROUBLE A: Fuel line blocked.

REMEDY A: Clean fuel cock, fuel lines and carburetor, including idling and main orifices.

2. Engine fails to start due to excess fuel.

TROUBLE A: Choke lever pulled to on position too long by mistake.

REMEDY A: Remove spark plug and check electrodes. If they are extremely wet, engine is flooded. Depress throttle lever to full or wide open and hold. Return choke to running position. Pull starter cable four or five times to flush out excess fuel. Dry spark plug and return it.

3. Engine fails to start due to ignition trouble.

TROUBLE A: Spark plug fouled, damaged or of wrong type.

REMEDY A: Clean and dry plug. Adjust gap in electrodes to 0.016 - 0.020 in., (approximately 1/64th of an inch) and re-install. Use only Champion UK10 or Bosch M225 T1 plugs.

TROUBLE B: Spark plug connector has no contact to ignition cable.

REMEDY B: Check ignition cable to insure it is properly attached. When attaching a new spark plug connector, centralize the ignition cable by placing it in the opening of the spark plug connector. Applying gentle pressure, screw the connector on to cable in a clockwise direction. This method is very important to ensure a perfect connection.

TROUBLE C: Trouble in the ignition unit. Check this by disconnecting the spark plug connector from the ignition cable and hold the metal core of the cable about 1/8 inch away from a metal part of the engine. When the engine is turned over a spark must pass.

REMEDY C: Assuming that the ignition cable is in good condition, and no spark passes, there may be internal ignition problems which should be checked by a Jiger Mechanic.

2. DRIVING INSTRUCTIONS

A. DRIVING ON LAND

ALL DRIVING CONTROLS ARE PART OF THE SINGLE T-BAR CONTROL COLUMN.

1. Depress throttle lever with thumbs to increase engine speed.
2. Push control column forward to increase forward vehicle speed.
3. Pull control column back to brake vehicle and continue idling.
4. Pull control column further back to move vehicle in reverse and to accelerate in that direction.
5. To turn left or right, rotate the entire control column in the desired direction. Rotate partially for a gentle turn. Rotate fully for a sharp turn. Practice driving initially at slow speeds with gentle turns, to build confidence and experience gradually. Learn how to drive for the first time in open areas.
6. Do not be alarmed by the whine or growl from the transmission. This sound is normal to the hydrostatic units.

B. DRIVING IN WATER

1. Enter and exit from water smoothly and at safe speeds.
2. All driving and turning procedures are the same as for land.
3. Water pressure and resistance builds quickly against the Jiger nose. Gunning the motor and churning the wheels at maximum speed will not necessarily increase the vehicle speed greatly.
4. The Jiger is unsinkable with tires fully inflated, but may take in wash under certain conditions. Avoid fast river currents and high waves.
5. A two to four horse-power outboard motor with a long propeller shaft will increase water speed. Check with your dealer on the availability of the Jiger outboard as an option.

C. TIRES

1. Tires should be inflated evenly, with not less than 1" clearance between each.
2. Jiger tires are puncture resistant, but may be pierced on occasion by a particularly sharp obstacle. A standard bicycle tube patch applied to the outside of the tire, properly vulcanized, provides sufficient repair.

D. GENERAL

1. It is recommended some or all of the following aids be carried in your Jiger, depending on the terrain to be travelled.
 - a. Dry type chemical fire extinguisher.
 - b. First aid or rescue kit.
 - c. Paddle
 - d. Bicycle tube repair kit (including hand operated air pump).

2. Try to store or park your Jiger in sheltered areas, to prevent rain or snow from falling into the vehicle. Ask your dealer about covers. To drain machine, run it up a slight incline and remove drain plugs at rear of body troughs. Replace plugs before proceeding.
3. Keep heavy or rough objects stored in the vehicle from damaging working parts, body, gas tank or gas lines. **GAS LEAKS MUST BE REPAIRED IMMEDIATELY.**
4. Keep air passage-ways and vents of cooling system clear of obstructions. Watch for loose rags, paper, clothing, etc., in particular.
5. In extremely difficult terrain (steep slopes, ditches, etc.,) you can assist the Jiger's mobility by walking beside it while manipulating the control column.
6. Do not leave the Jiger unattended with the motor running.

CAUTION: Do not leave loose rags, paper, rope, clothing, etc., on the seat or elsewhere inside a moving Jiger. These may be pulled into chains, sprockets, fans, or other running parts. They may also block air passage-ways of cooling system.

3. MAINTENANCE

1. To maintain good performance, keep drive chains lubricated.
2. Insure transmission oil is kept topped. Use type A Automatic Transmission Oil. When transmissions are cold "topped" means about ½" of oil visible at bottom of reservoir.
3. **UNDER NO CIRCUMSTANCES OPEN OR TAMPER WITH THE HYDRAULIC TRANSMISSION UNITS.** Transmissions are precision made under controlled conditions. For transmission repairs the unit must be returned to the factory.
4. Keep all exposed surfaces and parts of the engine clean, particularly the openings at the starter housing since the cooling air enters there.
5. **NEVER** hose the engine with water since trouble may develop in the ignition system or carburetor.

CAUTION

MUFFLER REACHES HIGH TEMPERATURES DURING VEHICLE OPERATIONS. Steps have been taken through fibreglass shielding to prevent accidents. Small children should still be supervised closely.

WARRANTY CLAIMS

In the event of a warranty claim, return your vehicle, together with these Instructions, to your dealer. Upon presentation of your completed Customer's Warranty Record - Jiger Warranty Policy form, he will conduct the necessary service requirements. Should your original purchase have been made while away from home, or should you have moved immediately after purchase, contact the dealer nearest to you, or the manufacturer for referral.

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