



E-TON



OWNER'S MANUAL
YUKON-YXL150

WELCOME

Thank you for purchasing an E-TON all-terrain vehicle. We hope you enjoy many years of safe off-road riding.

E-TON ATV'S are designed for safety, built for durability, and perfected for smaller and younger

riders. But safety depends on you - your driving ability, your common sense, and your care in maintaining your ATV. Included in this manual are safety tips, riding hints, and ATV maintenance information.

WARNING

The Yukon 150 can carry a load up to 220 lbs. but it is not designed to carry passengers. No passengers allowed! It is designed for off-road use only. Do not ride on highways or roads it is unsafe and illegal.

Attempting to change the pre-set maximum speed

may cause danger and will void the E-TON manufacturer's warranty.

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YOUR RESPONSIBILITIES

- ★ Riders (and/or parent or guardian for youth under 16) must thoroughly read this manual and must fully understand its contents before riding.
- ★ Adult supervision is crucial for youth riders.
- ★ Your E-TON ATV is designed to be ridden by one person at a time.
NO PASSENGERS - UNDER ANY CIRCUMSTANCES
- ★ It is designed for off-road use only - never ride on pavement or asphalt.
- ★ Riding your E-TON ATV on public roads or highways is **ILLEGAL**. If crossing a public road is necessary, dismount and push the ATV across the road.
- ★ Select an E-TON ATV that fits the rider's size and skills. No children under 6 years of age should ever ride an ATV (of any size). Youth under 16 should never ride adult-size ATVs. Recommended age/engine size guidelines:
 - Age 6 to 12 : 50cc or less
 - Age 12 to 16 : 90cc or less

Note : Yukon is recommended for riders 16 years and older.

YOUR RESPONSIBILITIES

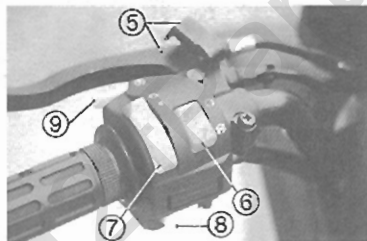
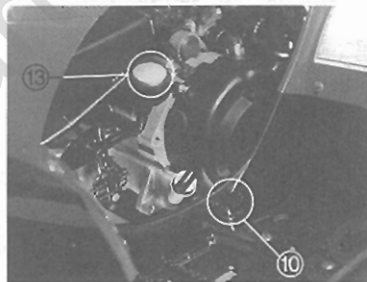
- ★ All riders, regardless of age, should enroll in an ATV Rider Safety Course. Your E-TON dealer can help you find the course nearest you.
- ★ ALWAYS wear protective clothing (long sleeves, long pants, over-the-ankle boots, gloves) and safety gear that includes a DOT approved helmet and eye protection. Full face helmets are recommended.
- ★ Do not operate an ATV while fatigued or under the influence of alcohol or drugs. Impaired judgment can result in serious injury or even death.
- ★ NEVER ride this your ATV unless it has been properly adjusted and maintained.
- ★ Turn off the vehicle before refueling.
- ★ To avoid burns, do not touch any part of the engine or muffler.
- ★ NEVER run the engine in a closed area. The exhaust contains poisonous CARBON MONOXIDE that can kill.

DESCRIPTION PARTS LOCATIONS

- (1) Fuel tank cap
- (2) Fuel valve
- (3) Front brake lever
- (4) Throttle lever
- (5) Rear brake lever / parking brake
- (6) Engine stop switch
- (7) Headlight / Rear position lamp switch
- (8) Horn button
- (9) Start button
- (10) Rear brake pedal



- (11) Reverse indicator lamp
- Neutral indicator lamp
- Forward indicator lamp
- (12) Main switch
- (13) Gear shift bar
- (14) Rear cargo rack (OPTIONAL)



BRAKE CONTROLS

The Yukon has front and rear brakes (with parking brake lock.)

Rear Brake

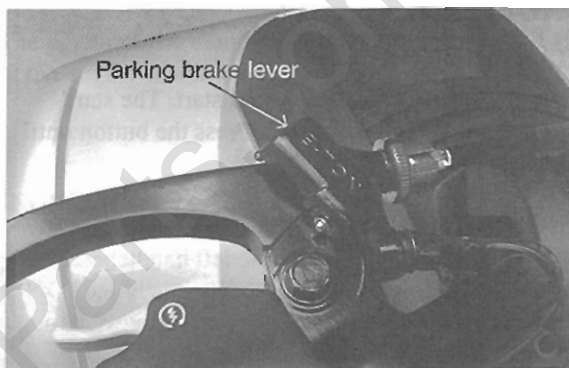
The rear brake has both a foot and a hand control. Brake by pushing the foot brake pedal near the right floorboard, or by squeezing the brake handle on the left handlebar.

Parking Brake

The rear brake lever locks, making it a parking brake. Pull the left-brake lever back and engage the lock. Always set the parking brake when parking and before starting the engine. To release the parking brake, firmly squeeze the left-brake lever until the lock releases.

Front Brakes

The front brakes are operated by the front brake lever near the right handgrip.



FUEL

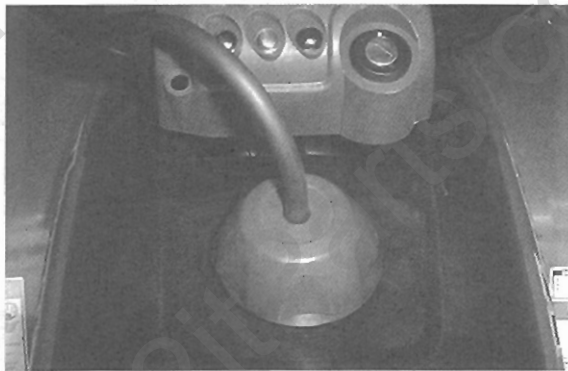
FUEL VALVE

The three-way fuel valve, located on the left just below the seat, has three positions: on, off, reserve. The fuel valve must be set in the "ON" position for fuel to flow into the carburetor. Set in the "RES" position, fuel will flow from the reserve fuel supply. If you must use the reserve supply, be sure to refill the tank as soon as possible.



FUEL TANK

Fuel tank capacity is 8 liters (roughly 2 gallons) including the reserve. Use gasoline with an octane number of 91 or higher. Refuel only with the engine turned off. After Refueling, be sure to tighten the tank cap firmly.



ENGINE OIL

Check the oil level before every ride.

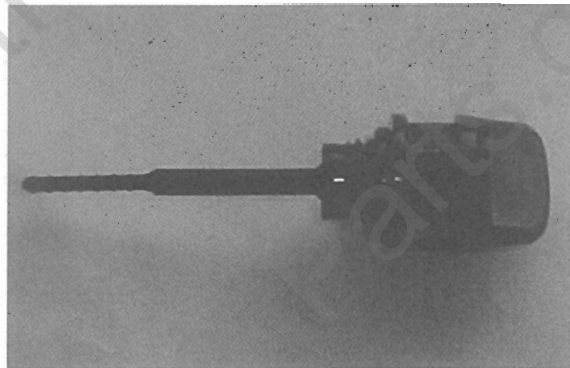
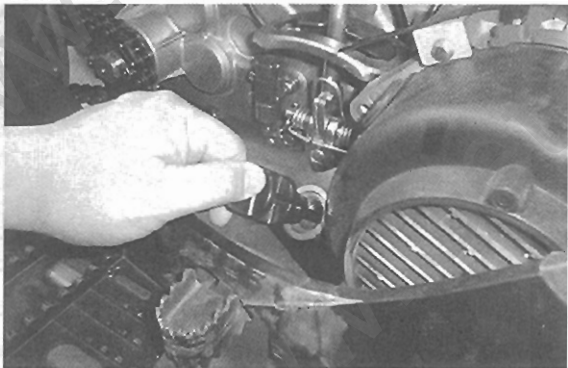
The oil filler cap/dipstick is located on the right crankcase cover. It can be used to measure the level.

Make sure the level stays between the upper level (line A) and the lower level (line B) marks.

Recommended oil viscosity : SAE 10W-40

NOTE:

Engine oil affects both the performance and the life of the engine. The best thing you can do for your ATV is maintain its oil.

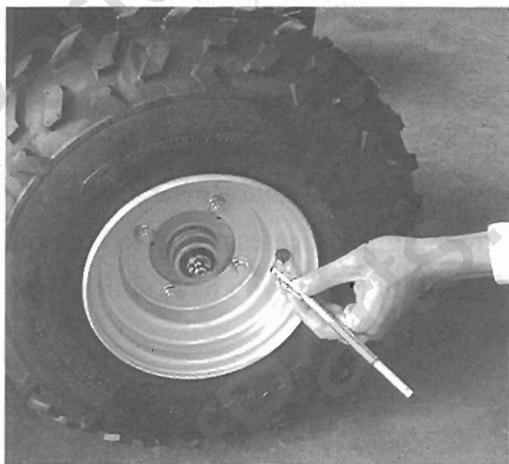


TIRES

Before running the vehicle (when the tires are cold), check the tire pressure, using an air pressure gauge.

Tires should be inflated as follows.

- ★ Recommended pressure : 3.6 psi (22.5kPa)
- Max. pressure : 4.0 psi (25.0kPa)
- Min. pressure : 3.2 psi (20.0kPa)

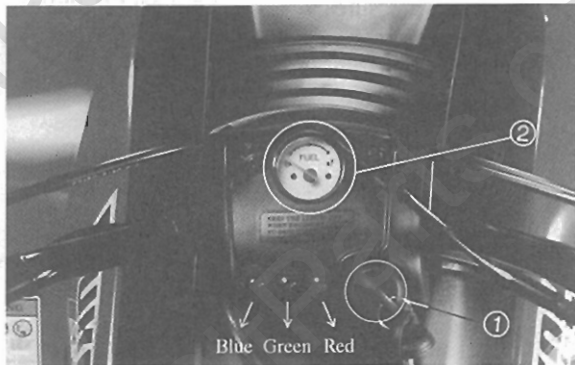


DASHBOARD INDICATORS

1. The main power control switch turns the power on and off.
2. Fuel indicator points to “ F ” when the tank is full, and to “ E “ when empty.
3. A red light signals you to switch to reverse. Refuel as soon as possible.

4. Your Yukon transmission has 3 settings: Forward, Neutral, and Reverse.

The green light indicates a shift to Neutral.
The blue light means you have shifted into the forward gear.



OPERATION

INSPECTION

Before you ride, know your ATV. Make sure you are familiar with all controls and their operation.

Check the ATV's condition before (and after) every ride. It only takes a few minutes and could save your life.

- ★ Check fuel level.
- ★ Check tires condition and pressure.
- ★ Check throttle for smooth opening and closing
- ★ Check steering to see that the wheels can turn properly.
- ★ Check brake operation.
- ★ Check the drive chain's condition and slack.
- ★ Check engine stop switch for good functioning.
- ★ Check all nuts, bolts and other fasteners.

PROTECT YOURSELF

Wear protective riding gear and clothing :

- ★ long sleeve, long pants
- ★ over-the-ankle boots
- ★ gloves
- ★ helmet
- ★ eye protection

Warm up your muscles. For flexibility, do a few simple stretching exercise.

OPERATION

STARTING PROCEDURE & WARM UP

Park the vehicle on a level surface.

Begin with a pre-start routine, easily remembered as

BONE-C:

- ★ **B**- Brake (set the parking brake)
- ★ **O**- On (insert the key and turn on the ignition;
turn the fuel valve to "ON")
- ★ **N**- Neutral (make sure the ATV is in neutral with
the green light on)
- ★ **E**- Engine stop switch (move the switch to "ON")
- ★ **C**- Choke (since Yukon has an automatic choke,
you need only push the throttle lever slightly
when starting the engine)

Push the start button on the left handle bar.

After warming up the engine, release the parking brake.

The vehicle is now ready for riding.

BREAKING-IN YOUR NEW E-TON ATV

During the first two weeks of riding, go gently.

- ★ Do not run at high speeds.
- ★ Do not approach the maximum RPMs during the
break-in period.

Failing to adequately break-in your E-TON ATV will
decrease the long-term power and life of the engine.

OPERATION

RIDING TIPS

THE BASICS - START SLOW. USE CAUTION

- ★ Select a safe area with a level surface that is free of obstacles. Normally, touching your feet to the ground for balance is not necessary.
- ★ To increase engine speed, gradually open the throttle.
- ★ When you park, park on a level surface.
- ★ Stop the vehicle with the brake and move the engine stop switch to OFF.
- ★ Lock the parking brake at the left handlebar.

POSTURE AND FORM

For comfort, balance, control and safety,

- ★ Keep head and eyes up, looking ahead, rather than at the ground.
- ★ Keep shoulders relaxed and back straight.
- ★ Bend elbows slightly and hold them away from body.
- ★ Always keep hands on the handlebars.
- ★ Keep knees in and feet on the footrests, with toes pointing straight ahead. (A foot on the ground could mean it gets run over.)

RIDING TIPS

TURNING

The rear axle of your E-TON ATV does not have a differential. In a turn, the outer wheels travel a wider radius (greater distance) than the inner wheels. Therefore, you must do more than steer when turning. Turning requires shifting your weight and using the throttle.

To turn,

- ★ Steer in the direction of the turn and lean your body to the inside of the turn while supporting your weight on the outer footrest.
- ★ Use the throttle to maintain power throughout the turn.

Incorrect turning may cause the front wheels to slide straight ahead. If this happens, back off the throttle and stop. To keep from skidding on slippery terrain, avoid braking or accelerating until you have regained directional control.

PRACTICE

Before hitting the trails

- ★ Practice stop and go until they're smooth.
- ★ Practice slow speed turns.
- ★ Practice figure eight turns, wide at first, then tighter.
- ★ Keep speeds slow. Increase speed as skills and comfort level develop.

RIDING TIPS

RIDING IN REVERSE

To shift into reverse:

- ★ Make sure the ATV is completely stopped, and the transmission is in neutral.
- ★ Check for obstacles or people behind you.
- ★ Squeeze the rear brake lever.
- ★ Push the gearshift bar to backward position.
- ★ Open the throttle gradually.
- ★ When stop in reverse gear, carefully apply both the front and rear brakes.

NOTE:

The engine will kill if you do not engage the rear brake lever when shifting into reverse.

If this happens, turn off the ignition and turn it on again.

KEEP YOUR DISTANCE AND TREAD LIGHTLY

- ★ Maintain a safe distance between vehicle.
- ★ Tread lightly. Respect the land. Ensure that others are able to enjoy the sport.

MAINTENANCE

MAINTENANCE SCHEDULE

The maintenance intervals in the table below are based upon average riding conditions. Riding in unusually dusty areas requires more frequent servicing

	INITIAL SERVICE (First week)	REGULAR SERVICE (Every 30 operating days)	EVERY YEAR
FUEL LINE			I
THROTTLE OPERATION	I	I	
AIR CLEANER (filter)		I	
SPARK PLUG		I	
CARBURETOR IDLE SPEED	I	I	
DRIVE CHAIN	I,L	I,L	
BRAKE SHOES		I	I
BRAKE SYSTEM	I	I	
NUTS, BOLTS,FASTENERS	I	I	
WHEELS	I	I	
STEERING SYSTEM			I
SUSPENSION SYSTEM			I
TRANSMISSION OIL			R

Note – I : Inspect and Clean, Adjust, Lubricate or Replace, if necessary

C : Clean

L : Lubricate

R : Replace

MAINTENANCE

SPARK PLUG

Standard spark plug : NGK C7HSA

1. Disconnect the spark plug cap.
2. Clean up dirt from around the spark plug base.
3. Remove the spark plug.

Inspect the plug electrodes for wear. If the electrodes and insulator tip appear unusually fouled or burned, install a new one.

Discard the spark plug if there is apparent wear or if the insulator is cracked or chipped.

1. The spark plug gap should be in-between 0.6-0.7 mm. If adjustment is necessary, bend the side electrode carefully.
2. Install the spark plug, screw it in finger tight and then tighten with the plug wrench another 1/2 turn to compress the washer.



MAINTENANCE

THROTTLE CABLE

Inspect the throttle cable's condition and operation. Replace the cable if it has become worn or kinked. Lubricate the cable with lubricant to prevent premature wear or corrosion. Adjustments can be made using the adjuster beside the throttle lever. Loosen the lock nut and turn the adjuster. Free play of 5-10 mm should be maintained.



BATTERY

When reinstalling the battery, be sure to connect the red cable to the positive (+) lead and the black cable to the negative (-) lead.

When the battery no longer hold a charge, replace it. The battery should be replaced every three years as a general practice.

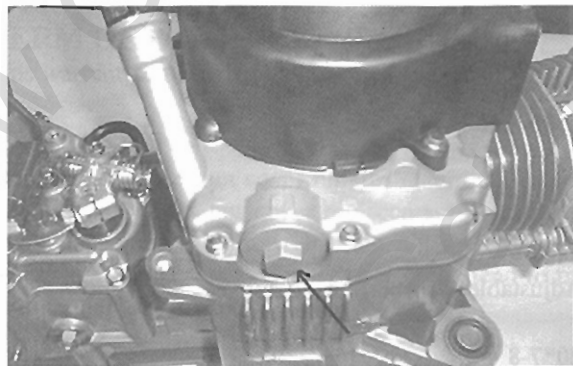
MAINTENANCE

CHANGING THE ENGINE OIL

When changing engine oil, drain the oil from the crankcase while the engine is still warm.

This will ensure complete and rapid draining.

1. Remove the oil drain plug below the engine.

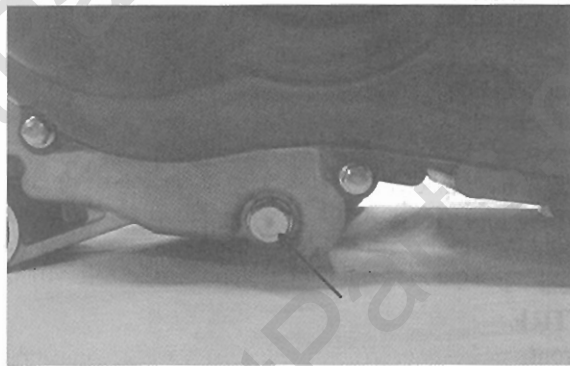


2. Complete drain and replacing the plug.

3. Remove the oil filler cap.

4. Adding the engine oil with proper oil level.

5. Reinstall the oil filler cap.



SPECIFICATIONS

ATV TYPE

ENGINE

Type
Displacement
Bore and Stroke
Compression
Oil tank capacity
Transmission

YXL150

Forced Air and oil-cooled 4-stroke
149.56 c.c.
 \varnothing 57.4*57.8 mm
9.7:1
1.0 Liter
C.V.T, V-belt, Rear

CHASSIS

Overall Length
Overall Width
Overall High
Wheelbase
Dry weight
Fuel Tank capacity

1660 mm
965 mm
1020 mm
1080 mm
145 kg
6.5 Liter

SUSPENSION

Front
Rear

Dual Arm
Adjustable absorber, Swing Arm

TIRE

Front
Rear

20*7-8
22*10-8

WARRANTY

OBLIGATION

Under this limited warranty, E-TON will repair or replace, at our option, any part proven to be defective in material or factory workmanship under normal use for the applicable period stated below. Parts will be repaired or replaced without cost only during the warranty period.

OBLIGATION OF VEHICLE OWNER

To be covered under this warranty, the owner must, at his own expense, perform all the scheduled maintenance in accordance with the maintenance schedule in this owner's manual.

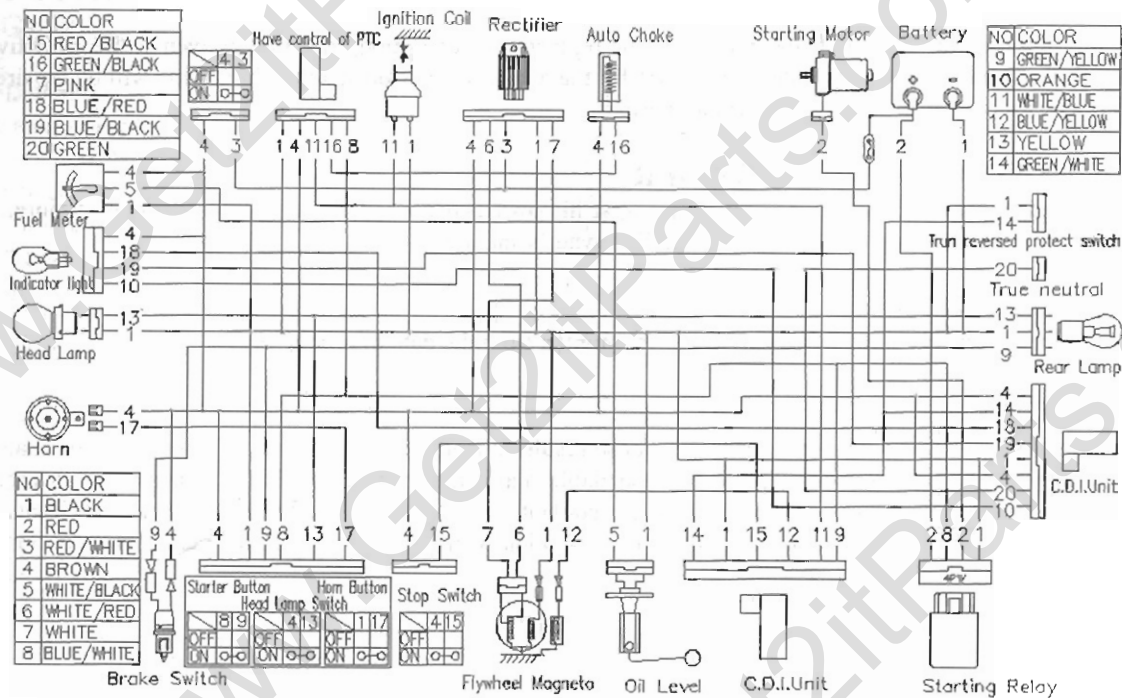
TERM OF WARRANTY

This warranty covers this vehicle for a period of six months from the date of purchase.

EXCLUSIONS

This warranty does not cover failures other than those resulting from defects in material or factory workmanship. This warranty does not cover replacement of expendable maintenance items made in connection with required maintenance services including, but not limited to: coolant, spark plugs, gaskets, belts, filters, lubricants, and hoses. In addition, this warranty does not extend to tires. Finally, use of this vehicle for racing, competition, and commercial uses, including rentals, warranty.

WIRING DIAGRAM





E-TON

Owner's Manual Yukon



800458

H9900-F1B0-0000 L-4-C

ADD. :4009 F

TEL. :214-2

e-mail : etona

HOME PAGE:

ADD. :No 70 Huan-nung Rd., Yung Kang Industrial Park, Tainan Hsien, TAIWAN, R.O.C

TEL. :886-6-2319325

e-mail : service@e-ton.com.tw

HOME PAGE: <http://www.e-ton.com.tw>

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2000 July

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