OWNER'S MANUAL

ALL TERRAIN VEHICLE 50ST-6

CONTENTS

ATV SAFE RIDING

SAFE RIDING RULES

⚠WARNING ATV requires special efforts on your part to ensure safety. Know these requirements before you ride.

- This vehicle is designed and manufactured for the riders of 6-12 year-old
- Always make a pre-ride inspection before you start the engine. You may prevent accident or equipment damage.
- For OFF-ROAD USE ONLY. It is illegal to ride this vehicle on public roads or highways. If it is necessary to cross a public road, please get off this vehicle and push it across.
- Do not operate this vehicle while under the influence of alcohol or drugs. This can impair judgment and result in serious injury or even death.

PROTECTIVE CLOTHS

- For the safety sake, always wear a helmet, a face shield, dust glasses and protective clothing.
- The exhaust system becomes hot during operation, and it remains hot for a while after stopping the engine. Take care not to touch the exhaust system while it is hot. Wear clothing that fully covers your legs.
- Do not wear loose clothing that could catch on the control levers, wheels, etc.

REFITTING

⚠WARNING Arbitrarily refitting the motorcycle or removing the original parts may make riding unsafe, and is illegal also. The user must obey all national and local laws and regulations in relation to vehicle and traffic. If you have a good proposal concerning refitting of the vehicle, please write us. The refitment can be done with permission of the Co. Otherwise, the user will take the consequences.

LOADING

This ATV is designed to carry the operator only.

ACCESSORIES

Genuine accessories of LF ATVs have been specifically designed and tested on the ATV. Beacuse the factory cannot test all other accessories, you are personally responsible for selection, installation and use of accessories not produced by the Co. Always follow Safe Riding Rules and these below:

- Carefully inspect the accessory to make sure that it does not obscure any lights, reduce ground clearance or banking angle, or limit suspension travel, steering travel or control operation.
- Do not install other cooling equipment for the engine.
- Do not add electrical equipment that will exceed the vehicle's electrical system capacity.

GENERAL INFORMATION

PARTS LOCATION (Fig. 1-3)

Fig. 1 (Left-view)

①Front fender ②Left grip ③Rear fender ④Nameplate ⑤Ignition switch ⑥Rear shock absorber ⑦ Engine ⑧ Engine model

Fig. 2 (Right-view)

① Exhaust muffler ②Seat ③ Fuel tank ④Bumper ⑤ Front wheel ⑥VIN ⑦ Footrest ⑧ Dipstick ⑨Rear wheel

Fig. 3
①Left grip
②Safety switch
③Fuel filler cap
④Throttle limiter
⑤Right grip

VIN RECORD (Fig. 4-6)

Fig. 4
① VIN

Fig. 5
② Nameplate

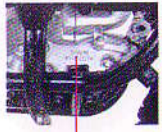


Fig. 6
③ Engine code

VIN: ☆ ☆

Engine code: ☆ ☆

Please fill the VIN and engine code of your vehicle in the blank below. They will help order spare parts and find out the vehicle when stolen.

NOTES

① The VIN is stamped on the right pipe under the frame body (Fig. 4).

② The vehicle nameplate is fixed on the rear cross member of the frame body (Fig. 5).

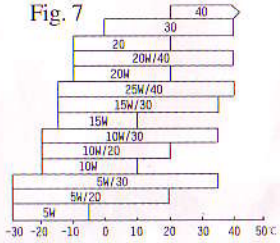
③ The engine code is stamped on the left of the crankcase (Fig. 6).

FUEL AND ENGINE OIL (EP)

Fuel Selection

Fuel is a key factor in deciding the exhaust emissions from the engine, so selection of fuel must follow the rules below. Selected fuel must be unleaded gasoline with octane No. RQ-93 or higher. Using improper fuel could reduce performance, shorten the engine's service life.

Fig. 7



Engine Oil Selection (Fig. 7)

The quality of the engine oil plays a vital role in deciding the engine performance and service. Engine oil must be selected in accordance with rules below and other oils, such as ordinary engine oil, gear oil and vegetable oil, are forbidden to be used.

The vehicle has been filled with engine oil SAE15W/40-SE before being delivered. The lubricant is only suitable at a temperature range within −10℃～+40℃. If other motor oil is to be used instead, the alternative must be technically equivalent in every respect. Viscosity varies with regions and temperatures, so the lubricant has to be selected according to our recommendation.

If there is no gasoline engine oil SAE15W/40-SE, the engine oil No. HQB-10 (or HQB-6 in regions where the temperature is below −10℃) can be used instead.

CONTROLLING PARTS

IGNITION SWITCH (Fig. 8)

The ignition switch is situated on the rear of the vehicle body.

OFF: Engine and lights cannot be operated and the key can be removed.

◯: Engine and lights can be operated and the key cannot be removed.

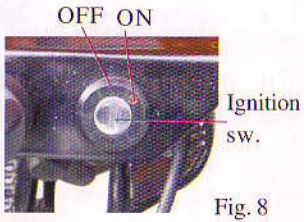


Fig. 8

RIGHT HANDLEBAR CONTROLS (Fig. 9)

Throttle Lever

The lever is used to control the engine speed. Pushing the lever rightward will increase fuel supply, releasing it will decrease fuel supply.

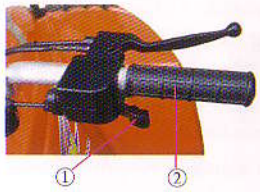


Fig. 9 ①Throttle lever ②Right grip

LEFT HANDLEBAR CONTROLS (Fig. 10)

Lighting Switch

The 2-position switch functions as follows:

HL: The headlight is bright.

● : The headlight is off.

Emergency Switch

In an emergency, depressing the switch to "OFF" will stall the engine at once. In normal riding always set the switch to "RUN" position.

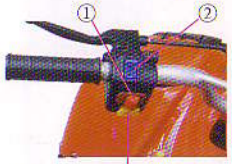


Fig. 10

①Headlight sw. ②Emergency sw. ③ Starter button

Starter Button

Depress the button "START" to start up the engine.

Safety Switch (Fig. 11)

The safety switch is located on the rear-left of the vehicle frame. Pulling off its cap, the engine stops.

⚠WARNING Never tie the safety switch wire to the rider. In an emergency, the supervisor should pull the safety switch wire from behind the vehicle to activate the safety switch so as to stop the engine immediately.


Fig. 11 Safety switch

Throttle Limiter (Fig. 12)

The throttle limiter is located on the accelerator. It functions by restricting the moving distance of the throttle lever. To adjust the limiter, loosen the locknut, turn the adjusting screw (to increase the engine speed in the direction B or decrease the speed in the direction A), at last, tighten up the locknut.

Fig. 12
①Locknut
②Adjusting screw

⚠WARNING It is better for beginner or unskilled riders to set lower speed so as to avoid accidents.

Choke Lever (Fig. 13)

The choke lever is mounted on the carburetor. The choke is fully open in the position A, half-open in the position B, and fully closed in the position C.

Choke lever Fig. 13

REFUELING AND FUEL FILLER CAP

Fuel Tank (Fig. 14)

The fuel tank capacity is 3.4L

The fuel filler cap has an overflowing hole connected with a pipe. The cap is of non-key type. If refueling, turn the fuel filler cap counterclockwise to open. To reinstall it, put it on the orifice and turn clockwise to position.

Fig. 14 Cap

⚠WARNING

- **Do not overfill the tank (there should be no fuel in the filler neck). After refueling, make sure the fuel filler cap is closed securely.**
- **Gasoline is extremely flammable and is explosive under certain conditions. Refuel in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where the fuel tank is refueled.**
- **Before refueling, make sure to filter fuel first. Spilled fuel vapor may ignite. If any fuel is spilled, make sure the area is dry before starting the engine.**

KEEP OUT OF REACH OF CHILDREN.

FUEL COCK (Fig. 15)

Fig. 15

- The fuel cock is located at the left-bottom of the tank. With the fuel cock in the OFF position, fuel cannot flow from the tank from the tank to the carburetor. Turn the cock to OFF whenever the ATV is not kept in use.
- With the cock in the ON position, fuel will flow to the carburetor. When the cock is set to RES position. Refill the tank at the earliest opportunity after switching to RES.

CAUTION

If the fuel cock is still in RES position, you may run out of fuel with no reserve after refueling.

OPERATION GUIDE

PRE-RIDE INSPECTION

Inspect your vehicle every time before you ride it. The items listed here will only take a few minutes to inspect, and in the long run they can save time, expense, and possibly your life.

1. Engine oil level - add engine oil if required. Check for leaks.
2. Fuel level - refuel when necessary. Check for leaks.
3. Front/Rear brakes - check operation, and adjust free play if necessary.
4. Tyres - check condition and pressure.
5. Throttle - check for smooth opening and full closing in all steering positions. Adjust or replace it if necessary.
6. Steering system - check for its smoothness and reliability.
7. Fasteners - check that all nuts, screws and bolts are mounted securely.

STARTING THE ENGINE

If the ATV has been unused for a long term, or just refuelled, you have to take a little more time than usual to push down the starter button.

Start the engine in the following sequence:

- Insert the ignition switch and turn it to "●" position.
- Set the emergency switch to "RUN" position.
- With the throttle slightly open, push the starter button on the left handlebar. Release the starter button as soon as the engine starts.

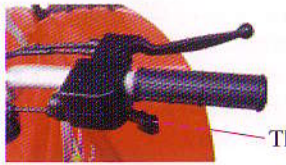


Fig. 16

- Push the choke lever all the way to its fully closed position if the engine is cold or the air temperature is lower.

⚠WARNING Do not start the engine in a narrow area to prevent accidents. The exhaust contains poisonous carbon monoxide (CO) gas that cause loss of consciousness and lead to death.

CAUTION Do not use the electric starter for more than 5 seconds at a time. Release the starter button for approximately 10 seconds before pressing it again.

- Maintain the throttle in the open position when starting and warming up the engine.
- Be sure to warm up the engine before operating the ATV.

CAUTION Do not open or close the throttle quickly. Otherwise, the vehicle may suddenly go forward and cause loss of control. Keep the vehicle in a watch when warming up the engine.

- Return the choke lever to half-open position as soon as the engine is running.
- Warm up the engine entirely at an idle speed of 1400r/m until it works normally, and then push the choke lever all the way to its fully open position.

BREAKING-IN

Help assure your vehicle's future reliability and performance by paying extra attention to how you ride during the first 300km. During this period avoid full throttle riding, be sure to drive at a speed no more than 60% of each gear and to keep changing speed. After the break-in period, be sure to conduct maintenance on your vehicle so as to make in compensation for initial wear, which will extend the service life of the engine obviously.

RIDING

⚠**WARNING** Review ATV SAFE RIDING before you ride.

1. Release the brake.

⚠**WARNING** **Always keep both hands on the handlebar during operation. Otherwise the vehicle may be out of control.**

2. The ATV will go forward as the throttle is opened gradually.

⚠**WARNING** **Do not open or close the throttle quickly. Otherwise, the vehicle may suddenly go forward and cause loss of control.**

3. To decelerate the vehicle, decrease the throttle first.

4. It is very important to coordinate the throttle with rear brake for smooth deceleration.

⚠**WARNING** **Extreme braking may cause both wheels to lock, reducing control of the ATV.**

BRAKING AND PARKING

Closing the throttle and applying the brake will stall the engine so stop the vehicle finally. After stopping the vehicle, turn the ignition key to the "OFF" position and remove it. Then shift the transmission into neutral, set the emergency switch to "OFF" position and bring the fuel cock to "OFF" position.

MAINTENANCE

TOOL KIT (Fig. 17)

Some roadside repairs, minor adjustments and parts replacement can be performaced with the tools available in the kit.

① Screw driver handle

② Screw driver stem

③ Spark plug wrench, #16×#18

④ Open-ended spanner, 8 × 10mm

⑤ Open-ended spanner, 13 × 15mm

⑥ Open-ended spanner, 18 × 21mm

⑦ Tool bag

Fig. 17

MAINTENANCE SCHEDULE

Maintenance work should be performed in light of Maintenance Schedule. Letters in the table indicate as follows:

I: INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY

C: CLEAN or REPLACE A: ADJUST L: LUBRICATE

NOTES: ① Clean more frequently when riding in unusual wet or dusty areas.

② At higher odometer readings, still follow the frequency intervals established in this manual.

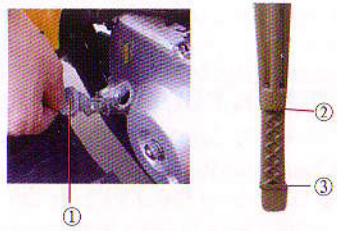
ITEM \ FREQUENCY	First Service (first week)	Regular Service Every 30-day	Regular Service Yearly
Fuel system	I	I	
Throttle operation		I	
Air cleaner		C	
Spark plug		I	
Engine idle speed	I	I	
Shaft-drive system	I, L	I, L	
Brake shoes/pad wear			I
Brake system	I	I	
Fasterers, bolts, nuts	I	I	
Wheels	I	I	I
Steering system			I
Suspension system		I	I

ENGINE OIL (EP)

Check of Engine Oil (Fig. 18)

Check the engine oil level every use. The dipstick ① is located into the rear portion of the right crankcase cover. The level must be maintained between upper mark ② and lower mark ③.

● Place the ATV on a level ground. Remove the dipstick, wipe it clean. Reinsert and screw in the dipstick, then remove it for checking.



① Dipstick ② Upper level mark ③Lower level mark Fig. 18

● Add engine oil SAE15W/40-SE to upper level mark ②. Do not overfill.
● Insert the dipstick. Check for leaks.

CAUTION **Running the engine with insufficient oil can cause serious damage to the engine.**

Change of Engine Oil (Fig. 19)

It is better to drain when the engine is still warmed.

●Place an empty container under the engine, unscrew the drain plug.

●Depress the starter button several times so as to help empty the oil thoroughly.

●Reinstall the drain plug, and tighten it up.

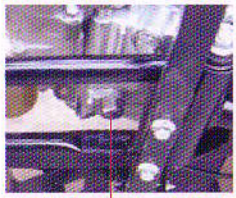


Fig. 19 Drain plug

※ Pour approx. 1L of SAE15W/40-SE into the engine. Restart the engine, keep it idle for a few minutes, and then stall it. Recheck the oil level, and add oil if necessary.

CAUTION **When running in very dusty conditions, oil changes should be performed more frequently than specifed in the maintenance schedule.**

CLEAR AWAY CARBON DEPOSIT (EP)

Clear away carbon deposit around the spark plug and piston ring, on the piston top, in the piston ring slot and combustion chamber regularly.

SPARK PLUG (EP) (Fig. 20)

Spark Plug Type: A7TC

Check and Replace

● Disconnect the spark plug cap from the spark plug. Clean any dirt from around the spark plug base. Remove the spark plug by the special wrench.

●Inspect the electrodes and center porcelain for deposits, and clean with a wire brush. If the spark plug is damaged, replace it.

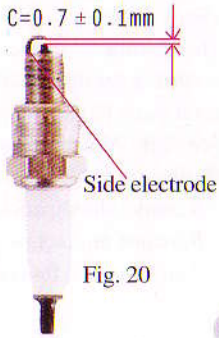


Fig. 20

●Check the spark plug gap which should be 0.7±0.1mm, and adjust by bending the side electrode if necessary.

AIR CLEANER (EP) (Fig. 21)

The air cleaner must be cleaned and then soaked in clean oil at least once every 2000km's drive. Riding in very dusty area, the job should be done more often. See your dealer for further information.

●Remove the front fender and the air cleaner cover.

● Disassemble the air cleaner and take the element out of the housing.

●Wash the element in cleansing solvent and dry it.

●Soak the element in gasoline engine oil SAE15W/40-SE until saturated, and then squeeze out the excess oil.

●Clear the air cleaner housing of dirt and dust.

● Assemble the air cleaner. The element should be fit well.

●Install the removed parts in the reverse order of removal.

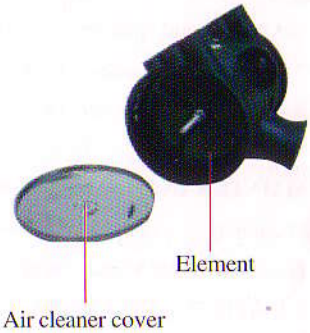


Fig. 21

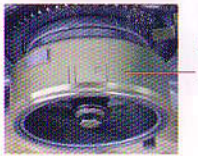
NOTE

Inspect the element for damage. If it is torn or punctured, replace it. Avoid getting water in the air cleaner when washing the motorcycle.

⚠WARNING **Never use gasoline or low flash point solvents for cleaning the air cleaner, or a fire or explosion could result.**

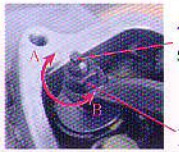
Never run the engine without the air cleaner. Otherwise, rapid engine wear will result from contaminants, such as dust and dirt.

VALVE CLEARANCE (Fig. 22)



Index mark
Mark T

Fig. 22



Adjusting screw

Locknut

Check valve clearance when the engine is cold at the specified intervals.

- Remove the view hole cap on the front-left case cover, magneto cap and cylinder cover.
- Rotate the flywheel counterclockwise until mark T on the flywheel aligns with the index mark on the view hole. Check it is in TDC of the compression stroke by moving the rocker arms. If they are free, it means check can be done. Otherwise, rotate the flywheel through 360° .
- Clearance should be 0.05mm for the intake and exhaust valves.
- If it is necessary to make an adjustment, loosen the valve lock nut and turn the adjusting screw so there is a slight resistance when the feeler gauge is inserted. Then tighten up the lock nut, and recheck the clearance.

EXHAUST MUFFLER (EP)

Clear away regularly carbon deposit in the exhaust pipe; check the exhaust pipe inside for crack and washer for damage, and repair or replace if necessary.

FUEL FILTER (EP) (Fig. 23)

The fuel filter is mounted between pipe of fuel cock and pipe of carburetor. As one-time-only part, it should be replaced at least every 6-month use.

Filter

Fig. 23

OPERATION OF THROTTLE (Fig. 24)

- Check for smooth ratation of the throttle lever from the fully open to the fully closed position at both full steering position.
- Measure the throttle lever free play at the throttle lever. The standard free play should be approx. 2-6mm.To adjust the free play, loosen the locknut, turn the adjuster. Adjustment over, fasten the locknut.

IDLE SPEED OF CARBURETOR (EP) (Fig.25)

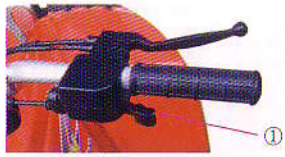
- The carburetor is installed between the engine and air cleaner.

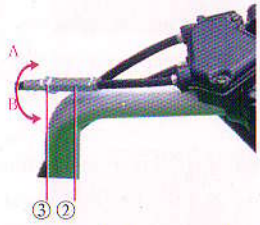
The adjustment of idle speed can be done when the engine is running at a normal temperatur.

1. Start and warm up the engine.
2. Connect a tachometer (or remote speed gauge) to the engine.
3. Turn the throttle stop screw until the engine runs at an idle speed of 1400r/min.

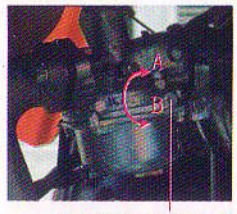
CAUTION Since the carburetor is a precision apparatus, don't disassemble it without the professional knowledge.

⚠ WARNING Check the carburetor balance pipe frequently. Do not block it with mud and other objects.





① Throttle lever Fig. 24
② Adjuster ③ Locknut



Throttle stop screw

Fig. 25

CHECK LEAKS ALONG AIR SUPPLY LINE (EP)

Check regularly air sypply line for leakage, and repair or replace damaged parts to assure a normal air supply.

FRONT BRAKE

Check

1. Check the front brake for wear by the brake wear indicator. If the pointer aligns with the reference marks on full application of the brake, the brake shoes should be replaced.
2. The distance the front brake lever moves before the brake starts to engage is called free play. The free play should be 10-20mm. If not so, adjust it.

NOTE

After replacing new shoes, ride the vehicle slowly, hold in the front brake lever several times until the brake drum matches with the shoe well. Then recheck the free play of the front brake lever.

Adjustment

Adjust the free play in the following order:

1. Turn the adjusting nut on the brake arm (to decrease the free play in the direction A, or increase it in the direction B).

NOTES

● Make sure the curved slot in the adjusting nut is corresponding with the pin after making final free play adjustment.

● If such adjustment is still unsatisfactory, see your dealer.

2. Hold in the brake lever several times and check for free wheel rotation after the brake lever is released.

HOW TO USE BRAKE WEAR INDICATOR (Fig. 26)

The pointer is fixed on the brake arm and the reference line are marked on the brake cover.

If the pointer aligns with the reference line on full application of the brake, the brake shoes should be replaced.

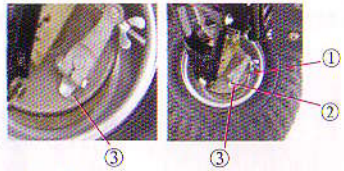


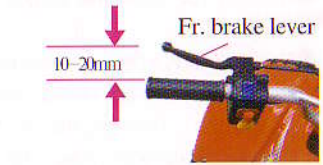
Fig. 26
①Brake cover ②Index
③Reference line

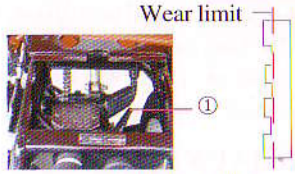
REAR BRAKE (Fig. 27)

Check

The main cylinder is mounted at the rear-left of the frame. When operating the brake lever, the pads equipped with caliper will clamp the brake disc. If any pad is worn to its limit depth, replace both pads as a set in no time.

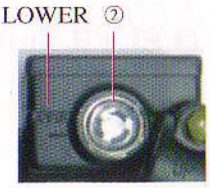
Place the ATV on the level ground. Check the fluid level through the sight glass. If the fluid level is below the LOWER, loosen the cylinder ocver screws, remove the cover, add brake fluid up to the UPPER level mark.





①Brake caliper
②Sight glass
Fig. 27

⚠WARNING Apply only specified brake fluid, or braking effectiveness and riding safety will be affected adversely. Do not allow contaminants such as dirt or water to enter the brake fluid tank. Brake fluid may cause irritation. Avoid contact with skin or eyes. In case of contact, flush thoroughly with water.



Adjustment

The distance the rear brake lever moves until feeling resistance is called free play. The free play should be 10-20mm.

Adjust is as follows if necessary:

Turn the adjusting nut of rear brake cable until the free play meets the required valve.

REAR SHOCK ABSORBER AND SUSPENSION

1. VISUAL CHECK Check for abnormal cases such as oil leakage, bending and deformation, etc.

2. OPERATION CHECK Place the ATV on a level ground. Then apply the rear brake, make the rear fork move up and down several times and check to see if the rear fork back correctly, if abnormal sound is found and if the steering system functions well.

NOTE

If the rear fork is damaged, repair or replace it.

TYRE

Proper air pressure will provide maximum stability, riding comfort and porlong tyre life.

Cold tyre pressure	Fr. tyre: 100kPa	Rr. tyre: 100kPa
Tyre size	Fr. tyre: 16 × 8.0-7	Rr. tyre: 16 × 8.0-7

⚠WARNING Operation with excessively worn tyres is hazardous and will adversely affect traction and handling.

NOTE Tyre pressure should be checked before you ride while the tyres are "cold". Check the tyres for cuts, embedded nails, or other sharp objects. Check the rims for dents or deformation. See your dealer for change or damaged tyres or punctured inner tubes.

CAUTION Improper tyre inflation will cause abnormal tread wear and create a safety hazard. The tyre pressure less than the rated value may result in slipping wheel on the ground or coming off from the rim.

When the tread depth in the middle section of tyres reached limits below, please replace them.

Tread Depth Limits			
Front tyre	2.0mm	Rear tyre	2.0mm

FRONT WHEEL (Fig. 28)

Remove the front wheel in the following order:

Block the front portion of the ATV to form a clearance between the front wheels and the ground, unscrew the locknuts, then remove the front wheels.

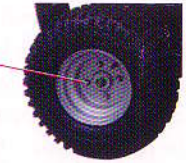


Fig. 28

REAR WHEEL (Fig. 29)

Remove the rear wheel in the following order:

Block the rear portion of the ATV to form a clearance between the rear wheels and the ground, unscrew the lock bolts, then remove the rear wheels.

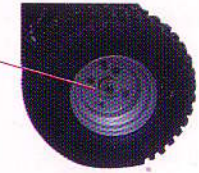


Fig. 29

FUSE (Fig. 30)

The fuse is located beside the battery, near the battery bracket. The fuse will blow to protect the circuit automatically in the case of troubles such as a short circuit or an overload trouble. After the trouble-shooting, fit a new fuse available in the fuse box.

Fig. 30

BATTERY (EP) (Fig. 31)

The maintenance-free battery is located at the mid portion of the ATV.

CAUTION Avoid entering water around the battery when washing the vehicle. Be sure not to discard the battery electrolyte or used battery. Handle in accordance with national or local environmental portection rules.

Fig. 31

⚠WARNING When disconnecting the battery cables, first disconnect the "—" terminal, and then "+" terminal. Connect the cables in the reverse order. Be sure to avoid the plus terminal catching the frame. The leads should be tightened securely, or spark may occur to cause a fire.

CAUTION The battery contains sulfuric acid (electrolyte). Contacting with skin or eyes may cause severe burns.

If such case occurs, flush with water for at least 5 minutes and call a physician immediately. Keep out of reach of children. If the engine fails to be started with the electric starter and the light is dim, charge the battery at a rate less than 1A for 10-15 hours. For further details, refer to Operating Instructions of Battery.

TROUBLESHOOTING, CLEANIG AND STORAGE

TROUBLESHOOTING

If the engine fails to start, do checks as follows:

1. Is there enough fuel in the tank?
2. Is fuel reaching the carburetor from the tank cock?
3. Disconnect the fuel line from the carburetor, set the tank cock to "ON" position,and see if fuel flows out?
4. If OK, check the ignition system.

⚠CAUTION

Do not allow fuel to flow at will. Fuel should be collected in the retainer. Do not smoke or allow flames or sparks in the area where the engine is subjected to the check.

5. Remove the spark plug from the cylinder head, and connect it with the spark plug cap.
6. Fix the spark plug on the vehicle body. Turn the ignition switch on, set the emergency switch to " ○" position. Press the start button, and see if there are sparks at the electrode gap of the spark plug. If there are no sparks, see your dealer for help.

⚠WARNING

Do not conduct the said check by fixing the spark near to the cyliner head. Otherwise, gas in the cylinder may ignite by sparks.

For safety's sake, it is better to connect the metal portion of spark plug outer housing with bare metal of vehicle body. Any person who suffers from heart disease or is equipped with cardiac-musle frequency modulator should avoid doing this job.

CLEANING AND STORAGE

Cleaning

1. Check if the spark plug and inlets are installed or pluged securely before cleaning the vehicle.

2. Hose the vehicle completely.
3. Dry the vehicle using a soft cloth or sponge.
4. Lubricate the drive chain immediately after washing and drying to prevent surfaces from getting rusty.
5. Start the engine, and allow it to run for several minutes.

CAUTION

High-pressure water can damage certain parts such as wheel bearings, front fork, brakes, seal of transmission, electric equipment, etc. Prevent the muffler from getting in water, the spark plug from being wetted down when washing the vehicle.

Storage

Take some measures as following when subjecting the vehicle to 60-day or more storage.

1. Empty fuel inside the fuel tank, carburetor and other pipes.
2. Drive off the spark plug, pour a bit of engine oil SAE15W/40-SE into the engine. Turn off the emergency switch and operate the starter button several times to scatter evenly the oil inside the cylinder.
3. Lubricate all of the controlling cables.
4. Block up the vehicle frame in such a way that all of the wheels keep clear of the ground.
5. Seal the muffler outlet with a plastic bag to prevent moisture from entering.
6. Coat all surfaces of bare metal with a thin layer of rust-resisting oil if the ATV is stored in moist and salty regions.
7. Remove the battery and store in a dry, cool place. Charge it monthly in course of storage.

REMOVAL FROM STORAGE

After long-term storing the vehicle, check, adjust and service it according to requirements stated in the manual to make sure the vehicle functions properly.

ANTI-THEFT DEVICE

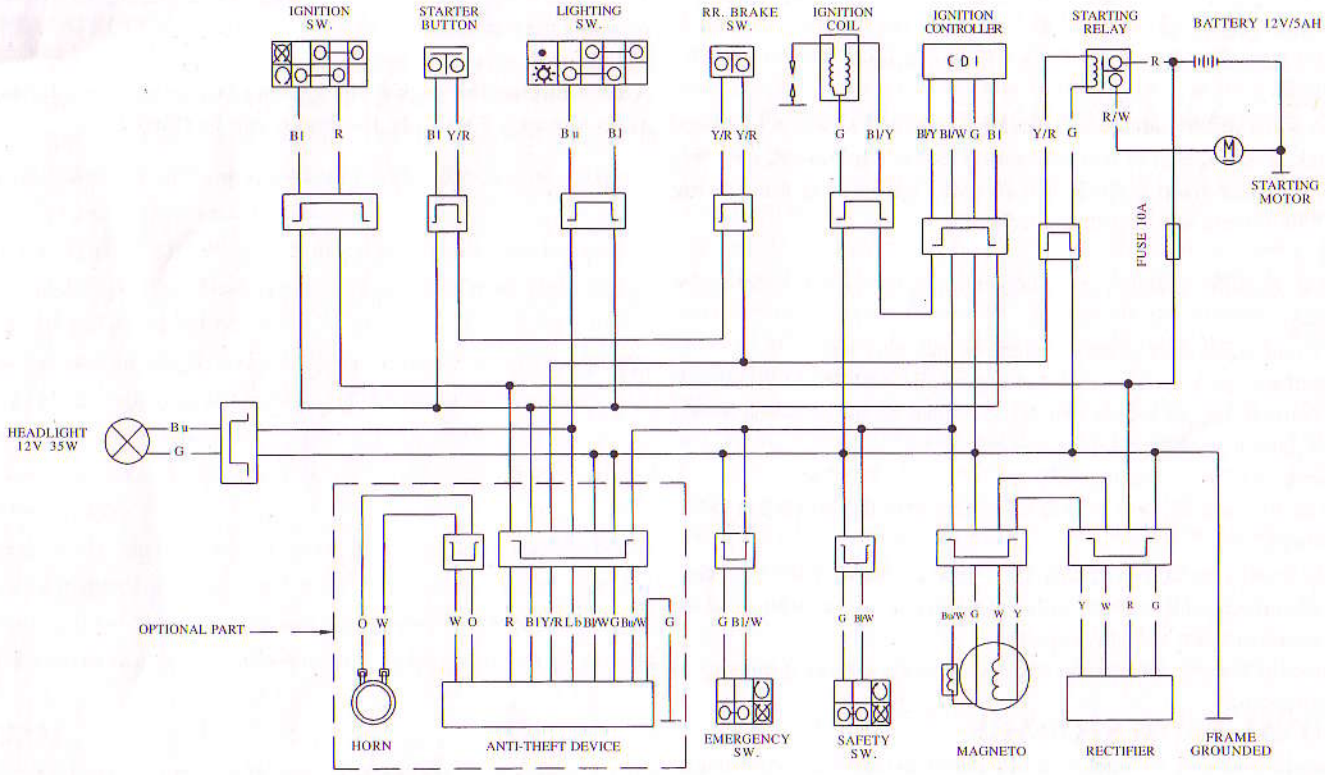
The anti-theft device is available as an optional accessory.

The device is designed to function within 800m. The engine will stop when pressting the red button.

NOTE

After stopping the engine, the ignition switch must be turned off for approximately 5 seconds, the engine can be started.

ELECTRIC DIAGRAM



SPECIFICATIONS

vehicla Model	LF50ST-6
1. DIMENSIONS & PERFORMANCE	
Overall dim. (L × W × H), mm	1320 × 720 × 850
Steering bar angle	30°
Ground clearance, mm	160
Track, mm	520(front)/525(rear)
Wheelbase, mm	850
Kerb weight, kg	71
Max. weight capacity, kg	70
Top speed, km/h	30
Grade ability,°	⩾ 16
Front tyre size	16 × 8.0-7
Rear tyre size	16 × 8.0-7
Front shock absorber	Coil spring hydraulic drive
Rear shock absorber	Coil spring hydraulic drive
Front brake type	Drum operated by hand
Rear brake type	Disc operated by foot
Fuel tank capacity, L	3.4
2. ENGINE	
Model	1P39FMB-3Z1
Type	Single cylinder, 4-stroke, air-cooled
Bore × stroke, mm	39 × 41.4
Displacement, ml	49.5
Compression ratio	9.0:1
Starting mode	Electric starter
Ignition system	CDI
Max. power, kW/r/min	2.0/7500
Rated power, kW/r/min	1.8/7500
Max. torque, N · m/r/min	2.5/5000
Engine oil	SAE15W/40-SE
Engine oil capacity, l	0.8
Lubrication	Press/splash
Fuel	Unleaded gasoline with RQ-93 or higher
Clutch	Automatic centrifugal type
Transmission	Stepless variable drive
3. ELECTRIC EQUIPMENT	
Battery	12V5Ah
Spark plug	A7TC
Headlight	2-12V10W
Fuse	10A