

OPERATIONAL INSTRUCTION



**WARNING:ANYONE UNDER AGE 16 SHOULD NEVER BE ALLOWED
TO OPERATE THE ATV**

BS320AU-4 User's manual

Chongqing Astronautic Bashan Motorcycle Manufacturing Co., Ltd.

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FOREWORD

Thank you for your purchase ATV.

This manual covers the main data, basic structure, and main procedures of operation, adjustment, maintenance and troubleshooting of motorcycle. It will help you familiarize yourself with all the necessary skills so that you will bring your vehicle into full, best play with minimize trouble for a long service life.

Products are always subject to further improvement, which will cause some difference between the vehicle and this manual, without further notice.

IMPORTANT SAFETY MESSAGE:

- PAY ATTENTION TO THE CAUTION AND WARNING LABELS ON THIS ATV.
- READ THIS MANUAL BEFORE OPERATING THIS ATV. MAKE SURE YOU UNDERSTAND ALL INSTRUCTIONS. ALSO KEEP ALL INFORMATION IN MIND WHILE OPERATING THIS ATV.
- ANYONE UNDER AGE 16 SHOULD NEVER BE ALLOWED TO OPERATE THIS ATV
- KEEP THIS MANUAL IN THE WATERPROOF PLASTIC BAG AND STORED IN THE COMPARTMENT PROVIDED BY YOUR ATV.
- FAILURE TO FOLLOW THE WARNINGS CONTAINED IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH.
- NEVER CARRY A PASSENGER UNDER AGE 12 ON THIS ATV
- DO NOT CARRY PASSENGERS WHOSE FEET DO NOT REACH THE FOOTRESTS

IMPORTANT NOTICE TO PARENTS AND ADULTS

- THIS ATV IS NOT A TOY.
- YOU SHOULD UNDERSTAND THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE YOU LET YOUR CHILD RIDE THIS ATV. THEN BE SURE YOUR CHILD UNDERSTANDS AND WILL FOLLOW THEM.
- THIS ATV SHOULD ONLY BE OPERATED UNDER THE DIRECT SUPERVISION OF AN ADULT.
- NEVER EXCEED YOUR RIDING CAPABILITIES.
- THIS ATV CAN BE HAZARDOUS TO OPERATE, AVOID EXCESSIVE SPEED, PAVED SURFACES, SHARP TURNS, AND UNEVEN TERRAIN.
- ADULTS SHOULD ADJUST THE THROTTLE FOR SLOWER SPEEDS.
- NEVER RIDE THIS ATV DURING LOW LIGHT CONDITIONS.
- CHILDREN DIFFER IN SKILLS. SOME CHILDREN MAY NOT BE ABLE TO OPERATE AN ATV SAFELY. PARENTS SHOULD PERMIT CONTINUED USE ONLY IF THEY DETERMINE THAT THE CHILD HAS THE ABILITY TO OPERATE THE ATV SAFELY.
- IF YOUR CHILD IS INEXPERIENCED IN RIDING ATV, HE OR SHE SHOULD TAKE A TRAINING COURSE BEFORE OPERATING THIS ATV.

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VEHICLE SAFE RIDING

WARNING

Riding vehicles requires special efforts on your part to ensure your safety. Know these requirements below before you ride.

This vehicle is designed to be operated only on level, surface free of obstacles.

Do not operate this vehicle while under the influence of alcohol or drugs. That can impair judgment and result.

Keep a safe distance between your vehicle and other vehicles.

Do not allow your child to ride without your supervision.

Never run the engine in closed area. The exhaust gas contains poisonous carbon monoxide gas(CO).

During driving, do not touch exhaust muffler, engine etc to refrain from scald, for its temperature is high.

Don't drive the ATV at night.

PROTECTING MEASURES

In order to guard the driver and passenger safety, the helmet, face mask, dust spectacles and gloves must be worn when driving.

The wearing clothes must protect your legs, avoiding being scalded by exhaust muffler.

Wearing loose clothes is forbidden, for which may be hooked by the wheel, footrest etc, and very dangerous.

Refitting of the motorcycle, or removal of original parts may make the vehicle unsafe or illegal. Obey all national and local equipment regulations.

Genuine accessories by our company have been specifically designed and tested on the motorcycle. Because our company won't test accessories manufactured by other companies, you are personally responsible for selection, installation, and use of them. Always follow the guidelines below:

Carefully inspect the accessory to make sure that it does not obscure any lights, reduce ground clearance and banking angle, or limit suspension travel, steering travel or control operation.

Accessories may increase the time that hands or feet operate controls, resulting in increased reaction time in an emergency.

Do not add electrical equipment that will exceed the vehicle's electrical system capacity.

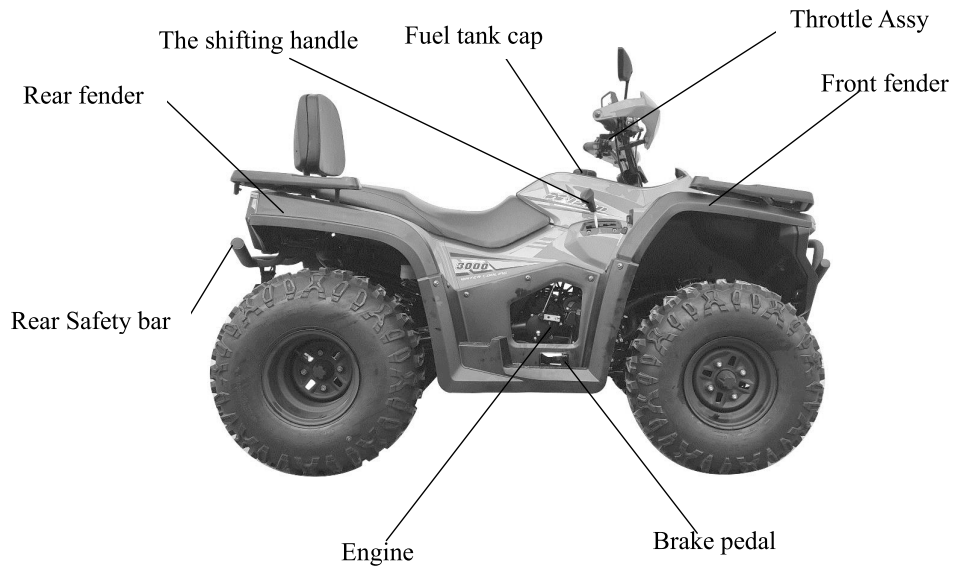
Do not add device cooling the engine.

SPECIFICATIONS

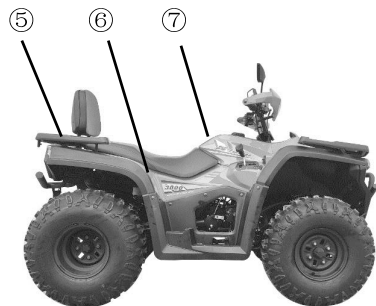
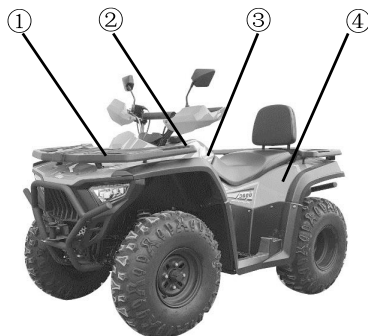
Model	BS320AU-4	Model	BS320AU-4
Length	2050mm	Fuel tank cap	14±0.5L
Width	1100mm	Engine type	4-stroke, single cylinder with water-cooled
Height	1260mm	Max. power	17kw/7000r/min
Ground clearance	270mm	Max. torque	28N.m/5000r/min
Wheel base	1250mm	Idle speed	1500±150r/min
Dry weight	320kg	Start mode	Electric
Steering bar angle	≤45°	Clutch model	Wet type, multi-plate
Max speed	60km/h	Spark plug type	D8RC
Front brake type	Disc	Transmission type	CVT
Rear brake type	Disc	Engine oil mode	1.6L
Tyresize (front & rear)	AT24x8-12/AT24x10-12	Oil pump	Inner-outer rotor type
Displacement	287.2cm	Magneto	Permanent magnetic
Compression ratio	11:1	Lubrication	SF10W/30
Ignition mode	C.D.I	Battery	12V14Ah
Cylinder borexstroke	75mmx65mm	Primary transmission	0.81-2.4
Seat Height	880mm	Final transmission	3.669

DESCRIPTION





LOCATION OF THE WARNING AND SPECIFICATION LABELS

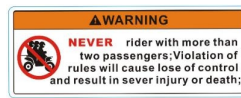


Read and understand all of the labels on this ATV. They contain important information for safe and proper operation of your ATV.

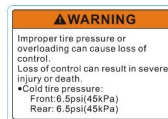
Never remove any labels from your vehicle. If any label becomes difficult to read or comes off, a replacement label is available from your dealer.



①



②



④



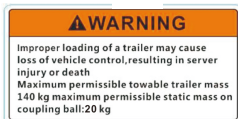
③



⑤



⑦



⑥

VIN RECORD

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

号码

VIN :



Engine Number:



NOTES

- ① VIN printed on front right lower main girder.
- ② The vehicle nameplate is fixed on the upper support of the front frame.

IGNITION SWITCH

The ignition switch is situated on the front right of the vehicle body.

“”(OFF) and “”(ON) on the switch indicate.

“”(OFF): Engine and lights cannot be operated and the key can be removed.

“”(ON): Engine and lights can be operated and the key cannot be removed.

Ignition switch



SEAT LOCK

The seat lock is set below the cushion. Pull up the back half of the left and right seat cushions to open it!

Seat lock



FUEL AND FUEL TANK

Fuel Selection

Fuel is a key factor in deciding the exhaust emissions amount from the engine, so selection of fuel must follow the rules below.

Selected fuel must be leakproof or low-lead gasoline with No.92 or higher.

Fuel Tank

The fuel tank capacity is 14L.

WARNING

● 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 gasoline is stored or where the fuel tank is refueled.

● Before refueling, make sure to filter fuel first.

● Be careful not to spill fuel when refueling. Spilled fuel or fuel vapor may ignite. If any fuel is spilled, make sure the area is dry before starting the engine.

● Avoid repeated or prolonged contact with skin or breathing of vapor.

● KEEP OUT OF REACH OF CHILDREN.

LEFT HANDLEBAR CONTROLS

Emergency Switch

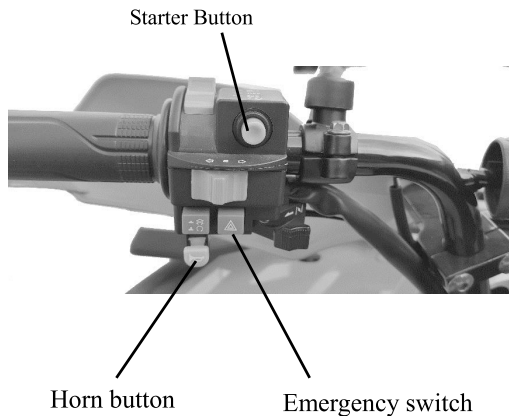
In normal, the switch is in the pop-up position; to stop the engine, press the switch in.

Horn button

Press and hold down the button, the horn sound.

Starter Button

Press the button With the vehicle in braking to start up the engine.



SPEED-LIMITING DEVICE

Turn loose the lock nut and screw in the adjusting screw, at last, tighten the lock nut.

CAUTION

It's better for inexperienced riders to set the top speed lower so as to avoid accidents.

ENGINE OIL

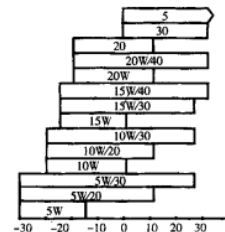
The quality of the engine oil plays a vital role in the performance of the engine and service life. Engine oil must be selected in accordance with the rules below and other oils, are forbidden to be used.

Engine oil recommended; gasoline engine oil Class SAE 15W/40-SE or Class SE, SF, SC from API Service Classification.

The vehicle has been filled with the engine oil Class SAE 15W/40-SE before being delivered, and the lubricant is only suitable at a temperature range from +40°C to -10°C. 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 the gasoline engine oil Class SAE 15W/40-SE can not be obtained when in need, the gasoline engine oil No.HQB-10(or No. HQB-6 in regions where the temperature is under -10°C) is available.

Before replacing the lubricant, please drain the oil out completely from the crankcase, and clean the inside with clean kerosene, then fill new one instead.



CAUTION

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

TYRES

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

Check tyre pressure frequently and adjust if necessary.

Select the right replacement tyres in accordance with the specifications shown in the table 1.

Pressure(KPa)	Front:45	Rear:45
Tyre size	Front:24×8-12	Rear:24×10-12

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 of damaged tyres or punctured inner tubes.

WARNING

● Do not attempt to patch a damaged tyre or inner tube, otherwise wheel balance and tyre reliability may be impaired.

● Improper tyre inflation will cause abnormal tread wear and create a safety hazard. The tyre pressure less than the rated value may result in the tyre slipping on the ground, or coming off from the rim, even the vehicle being out of control.

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

● The use of tyres other than those listed on the table 1 may adversely affect handling.

When the tread depth in the middle section of tyres reaches the limits in table 2 below, please replace tyres.

Tread depth limits	
Front tyre 2.0mm	Rear tyre 2.0mm

OPERATION GUIDE

PRE-RIDE INSPECTION

WARNING

If the Pre-ride Inspection is not performed, severe injury to personnel or damage to equipment may occur. Inspect your motorcycle every day 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 your life.

1.Engine oil level-add engine oil if required. Check for leaks.

2.Fuel level-fill fuel tank when necessary. Check for leaks.

3.Front and rear brakes-check operation and if necessary, adjust free play.

4.Tyres-check condition and pressure.

5.Throttle operation-check for smooth opening and full closing in all steering positions; check for throttle grip free play and throttle cable in lubricating and

connecting.

6.Fastener-check that all nuts, screws and bolts are fixed securely.

7.Steering system-check for its smoothness and reliability. Correct any discrepancy before you ride.

Contact you dealer for assistance if you cannot correct the problem.

STARTING THE ENGINE

Always follow the proper starting procedure described below.

WARNING

Never run the engine in an enclosed area.The exhaust emissions contain poisonous carbon monoxide(CO)gas that can cause loss of consciousness and lead to death.

Headlight change switch



STARTING PROCEDURE BY THE STARTER

1.Place the vehicle on a level ground and lock the rear brake by depressing down the parking button.

2.Insert the ignition key into the ignition switch and turn to(ON).

3.Set the emergency switch to “ON”.

4.Depress the starter button while rotate the throttle grip slightly to start to engine. Release the starter button once the engine starts.

Ignition switch



NOTE

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.

5.When starting and warming up the engine, make sure to maintain the throttle slightly open.

6.Before riding the vehicle, make sure that the engine is well warmed up.

CAUTION

Opening or closing the throttle fully and rapidly may make the vehicle suddenly moving forward, resulting in out of control.

Do as 5-6 steps under Starting procedure by the starter button.

BREAKING-IN

Help assure your vehicle's future reliability and performance by paying extra attention to how you ride during the first two-week riding.

During this period, avoid full-throttle riding and loading the engine heavily; be sure to keep changing speed.

NOTE

After the breaking-in period, be sure to conduct maintenance according to the maintenance schedule so as to keep the vehicle in a sound condition, which will extend the service life of the engine obviously.

RIDING

WARNING

Review vehicle Safe Riding, before you ride.

1.After the engine has been warmed up, the vehicle is ready for riding.

2.End braking state of the vehicle.

CAUTION

Riding with only one hand may cause the vehicle out of control.

3.Open the throttle gradually so the vehicle moves

forward.

4.To speed down the vehicle, reduce the throttle while carry out braking. Coordinate the throttle with brakes for smooth deceleration.

NOTE

Both the front and rear brakes should be used at the same time and should not be applied strongly enough to lock the wheel, or braking effectiveness will be reduced and control of the vehicle be difficult.

PARKING

1.Close the throttle while apply the brakes to speed down the vehicle until it stops.

2.Turn the ignition key to (OFF), and remove the key once the engine stops.

3.Depress down the parking button at the left handlebar.

CHECK AND CHANGE OF ENGINE OIL

Check of Engine Oil Level

Check the engine oil level each day before riding the vehicle.

The level must be maintained between the upper and lower level marks on the dipstick.

1.Start the engine and let it idle for a few minutes.

2.Stop the engine and put the vehicle on a level ground.

3.After a few minutes, remove the dipstick without screwing it in, remove the dipstick. The oil level should be between the upper and lower level marks on the dipstick.

Change of Engine Oil

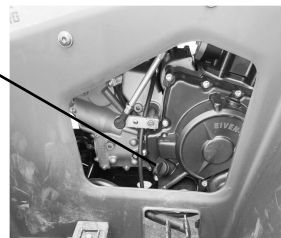
The engine oil quality is the chief factor affecting the engine service life. Change the engine oil as specified in the maintenance schedule.

1.Drain out the engine oil in the crankcase completely.

2.Clean the crankcase inside with cleaning kerosene.

3.Add specified engine oil about **1.4 L.**

Oil filler cap/dipstick



CAUTION

Running the engine with insufficient oil will. Cause serious damage to the engine.

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

Please dispose of used engine oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the rubbish or pour it on the ground or down a drain.

SPARK PLUG

Selection

Plug recommended: D8TC

Check and Replace

1.Disconnect the spark plug cap from the spark plug.

2.Clean any dirt from around the spark plug base.

Remove the spark plug using the plug wrench containing in the tool kit.

3.Inspect the electrodes and center poreclain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean a carbon or wetfouled plug with a plug cleaner, or use a wire brush.

4.Check the spark plug gap using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode carefully.

The spark plug gap should be 0.6~0.7mm.

Make sure the plug washer is in good condition.

5.With the plug washer attached, thread the spark plug in by hand first to prevent cross

threading, and then tighten up it by the spark plug wrench.

6.Reinstall the spark plug cap.

①Side electrode

②Center electrode

AIR CLEANER

The air cleaner should be serviced at least once every 30-day's drive. Service more frequently when riding in unusually wet or dusty areas. See your dealer for further information.

1.Remove the air cleaner from the frame.

2.Blow out dust and sediment from the intake pipe with high-pressure airflow..

3.Loading the air filter back in the opposite direction when it is removed



WARNING

Never use gasoline or low flash point solvents for cleaning the filter element, otherwise, a fire or explosion could result.

4.Clean the inside and outside of the air cleaner housing.

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

CAUTION

●It is forbidden to start the engine without the air cleaner core, or premature wear of the piston and cylinder may produce.

THROTTLE OPERATION

1.Check for smooth rotation of the throttle lever from the fully open to the fully close position at both full steering positions.

2.Measure the throttle lever free play at the throttle lever flange.

The standard free play should be within 2~6mm.

To adjust the free play, loosen the lock nut and turn the adjust.

●Make sure the air cleaner core is intact.

●Prevent the air cleaner core from getting water when washing the vehicle.

●Please replace the air cleaner when it cannot be cleaned with high-pressured current

CHECK LEAKS ALONG AIR SUPPLY LINE

Check for leaks regularly along air supply line, and repair or replace related parts once there are some to assure a normal air supply.

IDLE SPEED

The engine must be at normal operating temperature for accurate idle speed adjustment.

NOTE

Do not attempt to compensate for fault in other systems by adjusting idle speed. See your dealer for regular carburetor adjustments.

1. Warm up the engine.
2. Connect a tachometer to the engine(a remote-con-trolled one can be used).

Turn the throttle stop screw clockwise(in the direction of the arrowhead A) will increase idle speed while will decrease it turning counter clockwise(in the direction of the arrowhead B).

3. When the engine has no idle speed or runs at a decreased speed, set the throttle stop screw in the middle between the two limit position to help mix air and fuel.

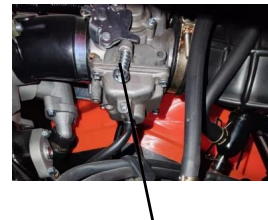
4. Run the engine again; readjust the throttle stop screw if necessary.

CAUTION

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

WARNING

The balance pipe of carburetor should be often checked to make sure there is no dust or other impurity inside it, otherwise, an accident may occur.



Throttle stop screw

INSPECTION OF FRONT SUSPENSION

1.Lock the parking handle, press down the headstock, check the front shock absorber if is flexible, and if it is stuck or not.

Suspension action should be smooth.

2.Check the front shock absorber for oil leaks and deformation.

3.Carefully inspect front suspension fasteners for tightness.

CAUTION

Before checking, support the vehicle firmly to prevent it from falling over.

If found the defect in the front shock absorber., replace or repair it.

AUXILIARY BRAKE HANDLE.

1. Auxiliary braking is realized by holding the brake handle tightly in the right hand direction, which only works on the rear wheels.

2. For the sake of safety, this ATV has designed auxiliary brake (1). The brake is located on the right hand handle and operated with the right hand. Once the main brake system does not work, this auxiliary brake is used as a backup for the main brake system.

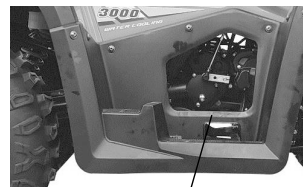
NOTES

● The whole vehicle should not brake when the handle is free and the whole vehicle should be able to brake when the handle is working.

- Adjusting the screw length on the brake cable can adjust the free stroke of the handle.



Auxiliary brake handle



Brake pedal.

WARNING:

- Care must be taken when using auxiliary brakes. Long-term use will accelerate the damage of auxiliary brake.
- Auxiliary braking only brakes the rear wheels. In high-speed or emergency situations, only using auxiliary braking will result in insufficient braking force and serious accidents.
- In the case of high speed and steep uphill and downhill, it is strictly forbidden to use auxiliary brake alone.

MAIN BRAKE

1. The brake is realized by pressing the right foot on the brake pedal. The front and rear brakes of the car are hydraulic disc brakes, which can be controlled by only one brake pedal. The front and rear wheels act simultaneously when braking.
2. The free travel of the rear brake pedal is 15-20 mm. It can be adjusted by adjusting the nut.

NOTE:

- Frequently check the operation of brake pedals and lubricate the running parts. When the brake pedal is damaged or deformed, it must be repaired or replaced before driving.
- Check the brake pedal regularly, and master the oil level of disc brake pump. When you step on the brake pedal, you should feel very tight. If you find that the pedal is very loose, it may be that the brake oil leaks or the oil level of the cylinder is not enough. This problem must be solved before cycling. Please consult the local distributor.
- Before driving, be sure to check whether the disc brake tubing or pump is damaged by oil leakage. If so, please go to your distributor or professional repair point to repair or replace it.

WARNING

- Driving with low oil level of disc brake pump may cause accidents and casualties due to brake failure.
- When the brake pedal is not flexible, driving vehicle may cause accidents and casualties due to brake failure.
- In the case of oil leakage damage of disc brake tubing or disc brake pump, accidents and casualties will occur in driving vehicles because of no brake.

PARKING BRAKE

1. Parking brake is controlled by pulling up the parking handle, which is on the right hand handle.
2. Before parking, the car should stop moving and the engine should stop.

NOTE

- Parking brakes may loosen if the car is placed for a long time. Please lock the tire to prevent sliding.
- If the car is parked on a hillside, please pad the tires up and down with stones or blocks. Another option is to place

the car horizontally.

● When parking on a hillside, don't rely solely on parking brakes. To prevent sliding, please lock the tire.

WARNING!

Use of parking brakes during cycling may cause accidents, leading to serious injury or death.

ADJUSTMENT TO SWITCH OF BRAKE

① After braking to rr. make sure whether indicator light lights up or not, if not, the nut.

② When switch of brake indicator light is der the condition of switching on. Make sure that indicator light is lit if not, please check indicator light cable, brake switch if necessary it should be replace.

caution: regarding to adjustment to switch of brake indicator light firstly check whether free travel distance of.

BATTERY

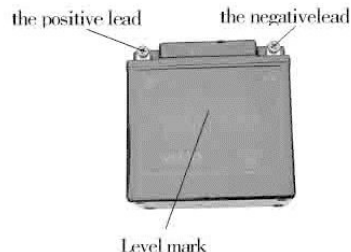
Battery electrolyte is poisonous, so be sure not to discard it at will. Handle in accordance with national or local national or local environmental protection rules.

Check

The battery electrolyte level should be between the UPPER level mark and the LOWER level mark. If battery electrolyte level is below the LOWER level mark, add proper distilled water to the UPPER level mark.

CAUTION

Before handing the vehicle over for long-term storage, remove the battery



from the vehicle and charge fully, and then store it in a cool, dry place. If the battery is to be left in the motorcycle, disconnect the negative lead(-) from the battery terminal first and then the positive lead(+). Do not touch the positive and negative leads with metal objects to prevent short-circuiting during the operation above.

WARNING

- The battery gives off explosive gases; keep sparks, flames, and cigarettes away. Provide adequate ventilation when charging or using the battery in an enclosed space.

- The battery contains sulfuric acid(electrolyte). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.

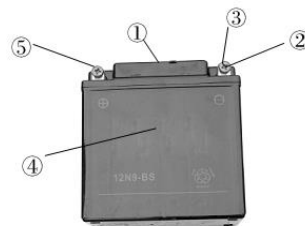
If electrolyte gets in your skin, flush with water.

If electrolyte gets in your eyes, flush with water for at least 15 minutes and call a physician immediately.

- Electrolyte is poisonous. If swallowed, drink large quantities of water or milk and follow with milk of magnesia or vegetable oil and call a physician.

- KEEP OUT OF REACH OF CHILDREN is mandatory. Remove the battery box cover. 2. Disconnect the negative lead from the battery first, and then the positive lead. 3. Take out the battery from the battery box.

①Battery box cover ②Screw ③Negative lead ④Battery ⑤Positive lead



TOOL KIT

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

① Opened-end spanner, 8×10mm ②Double-end screw driver ③Open-ended spanner 12×14mm④Screw driver Handle ⑤Spark plug wrench ⑥ Tool bag

FUSE BOX

During ATV running if electro circuit is over-loading or shore circuit. Fuse will melt down automafically so as to protect electro circuit after problem in electro circuit is solved, replace with new fuse box.

Caution, not link with metal wire in fuse box. If using metal wire to link, so dangerous. That ATV will burn. Ftev fuse have beer melted down. Send the ATV to maintain rove, solve the problem and replace with new fuse.

FUSE BOX



WARNING

Braking efficiency may be temporarily impaired just after washing the motorcycle. Anticipate longer stopping distance to avoid a possible accident.

Test the brakes before riding the vehicle. Several applications may be necessary to restore normal braking performance.

STORAGE GUIDE

Some measures should be taken when the vehicle is subjected to a long term storage so as to reduce the bad influence on its performance. Before the storage, make necessary maintenance to ensure the vehicle high performance after-storage.

Storage

- 1.Clean and dry up the vehicle and wax its surface.
- 2.Empty the fuel from the fuel tank and carburetor, spray some antirust

WARNING

Gasoline is extremely flammable and is explosive under certain conditions. Perform this operation in a wellventilated area with engine stopped. Do not smoke or allow flames or sparks in the area there gasoline is drained or stored and where the fuel tank is refueled.

3. Drive off the spark plug to fill a little of engine oil (about 15-20 milliliter) into the cylinder; turn off the ignition switch and tread the kick-starter several times to scatter evenly the oil inside the cylinder, and then reinstall the spark plug.

4. Lubricate all the cables.

CAUTION

When removing the battery, dismantle the negative lead first, and then the positive lead. When installing it, the procedure is just opposite. During the operations above, the ignition switch must be turned off.

5. Seal the muffler outlet with plastics cloth to protect the former from moisture.

6. Cover the vehicle (don't use plastics or other coated materials) and store in an unheated area, free of dampness.

7. Do not store the vehicle in direct sunlight.

REMOVAL FROM STORAGE

1. Take off the cover shielding the vehicle and clean it.

2. Charge the battery as required. Install the battery.

3. Clear away the antirust inside the fuel tank, and fill fresh gasoline instead.

4. Perform al Pre-ride Inspection checks. Try the vehicle at low speeds in a safe riding area away from traffic.

MAINTENANCE

The Maintenance Schedule specifies how often you should have your motorcycle served, and what things need attention. It is essential that your motorcycle be served as scheduled to retain its high level of safety, dependability, and emission control performance.

MAINTENANCE SCHEDULE

The following Maintenance Schedule specifies all maintenance required under normal conditions to keep your vehicle in should condition. Riding under unusually dusty or wet conditions, service of the vehicle should be made more often than the specified in the schedule. Maintenance work should be performed by properly trained and equipped technicians.

I. INSPECTAND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY C: CLEAN

1:LUBRICATE

	First week	Every 30-day's ride	Every year
Fuel system	I		
Operation of throttle		I	
Air cleaner		C	
Spark plug		I	
Idle speed of carburetor	I	I	
Brake shoe wear			
Brake system	I	I	I
Nuts, bolts, and fasteners	I	I	
Wheel	I	I	I
Steering system			I
Suspension system		I	I

Maintenance Routine Diagram

The vehicle should be under good maintenance as specified in the following table, where;

"I" means: Check, cleaning, adjustment, lubrication and/or replacement are needed.

"C" means: Cleaning is needed.

"R" means: Replacement is needed.

"A" means: Adjustment is needed.

"L" means: Lubrication is needed.

"* " means: This item of maintenance should be carried out at a service center. It may be also done by the user himself with reference to this manual provided he has special tools, sprats and is capable of this job.

"* *" means: This item can only be carried out by the serviceman at General Accessories Corp. service center in order to ensure safety.

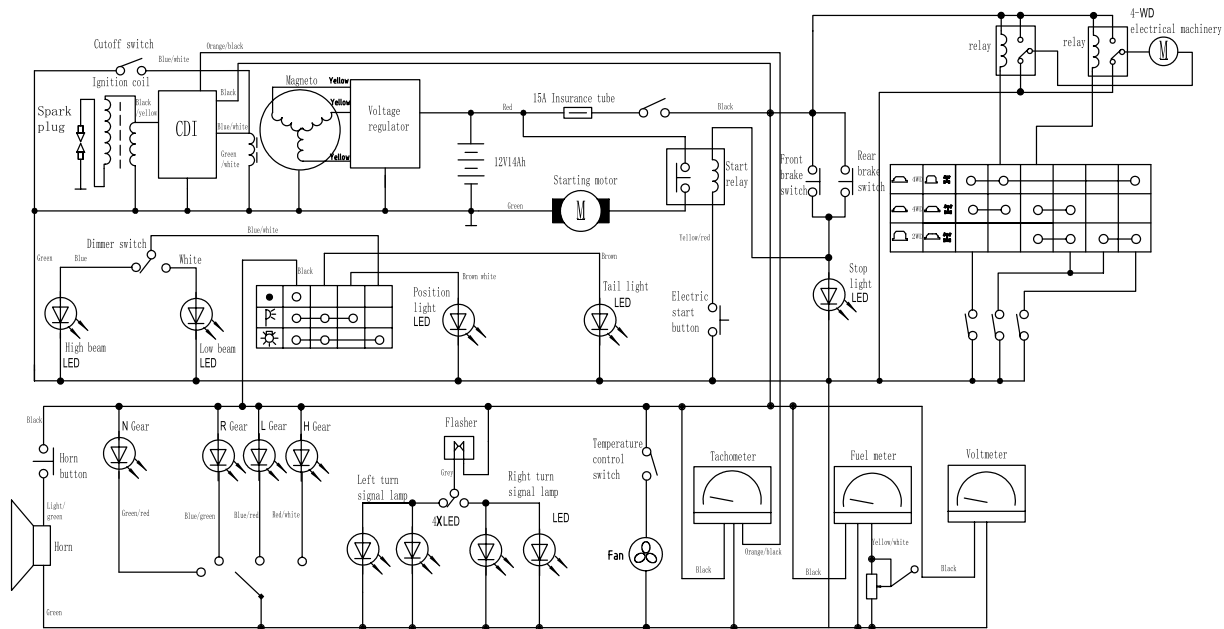
Notes: 1. Maintenance should be conducted more frequently when the motorcycle drives in dusty areas.

2. When the read-out of the odometer exceeds the maximum figures specified in the table, maintenance should be still cycled according to the interval of mileage stated herein.

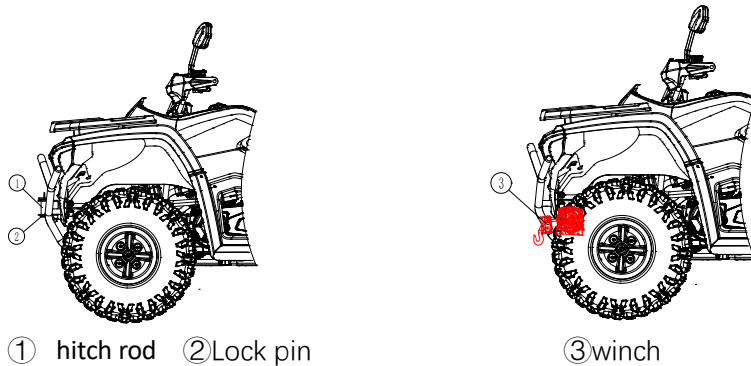
Maintenance Routine Diagram

Item		Distance of travel(km)													Daily before use
		500	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	
*	Engine oil	R		R		R		R		R		R		R	I
	Oil filter	R		R		R		R		R		R		R	
*	Gear oil							R						R	
*	Spark plug	Clean every 6000km of travel													
**	Valve gap							A						A	
**	Cam chain							A						A	
**	Carburetor							I						I	
**	Air cleaner	Clean filter element every 6000km of travel													
	Battery solution	I			I			I			I			I	
*	Fuel filter	Clean every 6000km of travel													
**	Brake system	I			I			I			I			I	I
**	Brake Liquid	Replace every two years													
*	Clutch	I			I			I			I			I	
*	Wheel and spoke	I			I			I			I			I	
**	Suspension	I			I			I			I			I	
	Bolts and nuts	T			T			T			T			T	

ELECTRIC DIAGRAM



Front towing device:



Always read and follow the instructions in the winch owner's manual before attempting to install or use a winch.

1. If vehicle needs to be hitched, open ②, take down ①. Put the tow rope on ②, Make sure it fixes well and then hitch the vehicle.
2. Use winch if necessary, Be sure to follow the following guidelines:
 - Do not operate or install winch without reading and understanding these instructions and the Basic Guide to Winching Techniques. .
 - Keep hands clear of wire rope, hook and fairlead opening during operation and when spooling. .
 - Use supplied hook strap for spooling wire rope.
 - Stand clear of wire rope and load during operation.

- Keep others away. .
- Inspect winch installation and wire rope condition before operating winch. .
- Do not use as a hoist. . Do not use to move persons..
- Do not exceed winch's rated capacity. . Never touch wire rope or hook while in tension. .
- Be certain the anchor you select will withstand load..
- Never wrap wire rope back onto itself. Use a choker chain or tree trunk protector on the anchor. .
- Prior to initiating winching operation be sure any element which can interfere with safe winching is removed..
- Do not disengage clutch if winch is under load or wire rope is in tension.
- The wire rope must always spool onto the drum as indicated by the drum rotation label on the winch.
- Do not use to tow other vehicles. .
- Wear heavy leather gloves when handling the wire rope..
- Never winch with less than 5 wraps of wire rope around the drum.
- Caution should be used if the vehicle is tied down during a winching operation. This may lead to damage to the frame..
- Before winching, inspect remote control lead for damage.

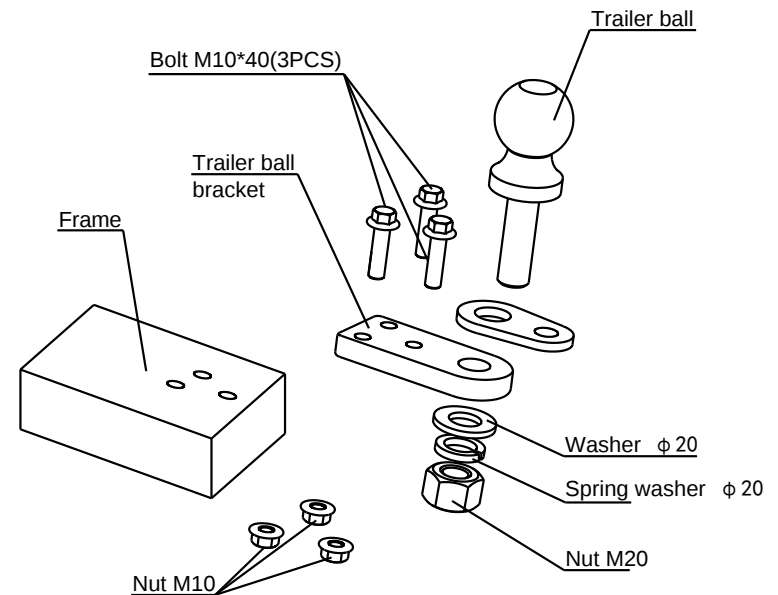
Coupling device:

Basic information

- Hitch coupling device is the device linking tractor and trailer.
- Coupling ball are parts that are subject to type approval and that connect vehicles, and are therefore subject to the highest safety requirements.
- They may only be operated with the compliant Coupling head that have been approved.
- Adapt your driving to the road conditions when towing a trailer. Towing a trailer affects the handling of a vehicle. Always follow the vehicle manufacturer's operating instructions.
- Specifications of the vehicle manufacturer regarding trailer and torque load set the standards for vehicle operation.
- Values specified for the tow bar must not be exceeded.
- Always observe the standard fixing points specified by the vehicle manufacturer.
- Always observe national guidelines concerning official approval of extensions. These installation and operating instructions have to be kept with the vehicle documents.

Installation instructions

- The Coupling ball is a safety component and should only be installed by qualified personnel.
- The Coupling ball can be easily installed and removed with the normal force of your hands. Any alteration and/or conversion of the Coupling ball is prohibited and will result in the cancellation of the type approval.



Removal of the Coupling ball

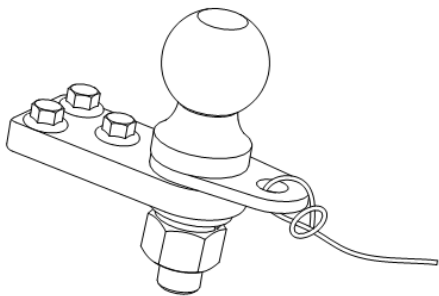
- Be the opposite of the procedure of Installation of the Coupling ball.

Correct Attachment of Breakaway Cables

- The towing brackets is incorporate attachment points to which either secondary couplings or devices necessary to enable the trailer to be stopped automatically in the event of separation of the main coupling.

Where a designated attachment
Point provided on the towbar:
←

Fig1←



Either:←

- a) Pass the cable through the attachment point and clip it back on itself(Fig1)←

Declaration of Driver's exposure to noise level

The undersigned: Mingfa Jiang, Manager

Company name and address of the manufacturer:

Chongqing Astronautic Bashan Motorcycle Manufacturing Co., Ltd.

No.1, Kangchao Road, Banan District, Chongqing City, P.R.China.

Hereby declares that:

For the following vehicle:

1.1. Make (trade name of the manufacturer):

BASHAN, PEDA MOTOR, MITT, ALFARAD, APACHI, ISILDAR, TGB, ARORA,
BARTON MOTORS, NCX MOTO, LINEA MOTOR, Asix motors

1.2. Type:BS320AU-4

1.2.1. Variant(s): BS320AU-4

1.2.2. Version(s): A

1.2.3.Commercial name(s) (if available):

PEDA POWER SPORTS, CHILI 330 4×4, CHILI 4WD, MITT 330 4×4,
MITT 330 4WD, EXPLORER 350S, RANGER, RANGER 300, ROC, ROC 300, PEGASUS 450, PEGASUS
480, X-ROCK 350 4×4, LINEA 300 4WD, GLADIATOR, HECTOR PRO 450

1.3. Category, subcategory and speed index of the vehicle: T3b

The Driver's exposure to noise level result is 85.9 dB(A)(Limit: 86 dB(A)) according to test method 2 in
accordance with :section 3 of Annex XIII to EU 1322/2014.

Place: Chongqing, China

Date: 06/12/2024

Signature: 

Name and position in the company: Mingfa Jiang

Declaration of Vibration declaration

The undersigned: Mingfa Jiang, Manager

Company name and address of the manufacturer:

Chongqing Astronautic Bashan Motorcycle Manufacturing Co., Ltd.

No.1, Kangchao Road, Banan District, Chongqing City, P.R.China.

Hereby declares that:

For the following vehicle:

1.1. Make (trade name of the manufacturer):

BASHAN, PEDA MOTOR, MITT, ALFARAD, APACHI, ISILDAR, TGB, ARORA,
BARTON MOTORS, NCX MOTO, LINEA MOTOR, Asix motors

1.2. Type:BS320AU-4

1.2.1. Variant(s): BS320AU-4

1.2.2. Version(s): A

1.2.3. Commercial name(s) (if available):

PEDA POWER SPORTS, CHILI 330 4×4, CHILI 4WD, MITT 330 4×4,
MITT 330 4WD, EXPLORER 350S, RANGER, RANGER 300, ROC, ROC 300, PEGASUS 450, PEGASUS
480, X-ROCK 350 4×4, LINEA 300 4WD, GLADIATOR, HECTOR PRO 450

1.3. Category, subcategory and speed index of the vehicle: T3b

The value of the vibration level measured according to Annex XIV to EU 1322/2014 is

Driver mass	Test run	aws m/s²	awB m/s²	aws/awB	Requirement
59± 1kg	Test run 1	0.71	2.23		Deviation<10% between test run 1/2 and Arithmetic mean, aws<1.25 m/s²
	Test run 2	0.73	2.23		
	Arithmetic mean	0.72	2.23	0.32	
98± 5kg	Test run 1	0.66	2.10		
	Test run 2	0.65	2.03		
	Arithmetic mean	0.66	2.07	0.32	

a_{ws} :rms value of the weighted seat vibration acceleration measured during a standard roadway test

a_{wB} :rms value of the weighted vibration acceleration measured at the seat attachment during a standard roadway test

Place: Chongqing, China

Date: 06/12/2024

Signature: *Jiang ming fa*

Name and position in the company: Mingfa Jiang