



SPIDER X200

JL175ZK

TRIKE

USER'S MANUAL

PREFACE

Thanks for your purchasing the Three-wheeled motorcycle JL175ZK, and sincerely welcome you to be our motorcycle user. To enjoy a more safe and pleasurable driving, at first please familiarity with the manual must carry on before driving. Your personal safety depends not only the vigilance and familiar operation skills, but also relates to whether you are familiar with the mechanical performance. Before driving, check-up and periodical maintenance are basic requirement. If maintenance and repair needed, go to our service center for help. If you know the mechanic knowledge and have the tools, the dealer can offer you help with the maintenance and repair, like providing the parts catalogue and the spare parts.

This manual explains in detail the correct operation and maintenance, together with the expectation for your long-time use. Modifications in specification could cause the discrepancy with some figures and content in the manual, we feel sorry for that and hold the final right of interpretation. Have a good enjoyment and thanks again for your purchasing.

The important points to attention:

- The driver and passenger

This motorcycle was limited to one driver and one passenger (except children younger than 12 years old). Never exceed the Max load capacity of motorcycle.

- For the safety, avoid driving the motorcycle in atrocious weather or cold weather (under -12°C).
- For the road condition

Only drive on the highroad.

The caution banners about the safety or environment protection stick to the sundries box cover, the rear carrier, and fuel tank cap. (Being visible before or during driving)

- Modifications in specification could cause the discrepancy with some figures and content in the manual, we feel sorry for that and hold the final right of interpretation.
- Please carefully read the user manual

You must attention to the warning sentence or paragraph.

WARNING

Not following the operation instruction in this manual may cause great damage to you.

ATTENTION

Not following the operation instruction in this manual may cause injury to both you and vehicle.

Regard this manual as a permanent parts, even when transfer the vehicle to a new owner, transfer the manual at the same time.

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I . Motorcycle safe drive

Rule for safe drive

1. The motorcycle happen the many accident, all reasons are that the car drivers didn't look at the motorcycle drivers. So the motorcycle drivers must:
 - Put up the coat in bright color
 - Avoid to the driving at night ,you must drive on guard and carefully to the strong light.
2. Particular care should be exercised at the level crossing of roads, entrance and exit of parking lot or on the automobile lane.
3. Don't speeding, because the speeding usually to happen an accident.
4. You must get to the driving license and familiar with motorcycle. Never lend motorcycle to the man without driving license or unfamiliar with motorcycle.
5. Avoid to driving the road with accidental, easily result in the operation without used or the parts was broken.
6. You must check up the motorcycle before driving.
7. During drive, grasp the left hand bar by the left hand and the throttle twist grip by the right hand with feet on the footrests.
8. Don't drive too close the other vehicles. Never contend for lane, and strictly observe the local traffic rules.

The payload

- **Admonition:**

The light goods can only put in the rear shelf or other deposited place.

The goods payload not heavier than blank 1:

Blank 1

Deposited	Weight (kg)
Rear shelf	5

- The motorcycle max payload is 150kg,including the weight with the driver, the passenger, the goods.
- If the motorcycle is over loading, it can affect the stability and operation of the motorcycle.
- The goods on the motorcycle, must tie it.
- The rear shelf not seats the children.

II. The parts & subassemblies and use manual

The parts & subassemblies (Fig1, Fig2)

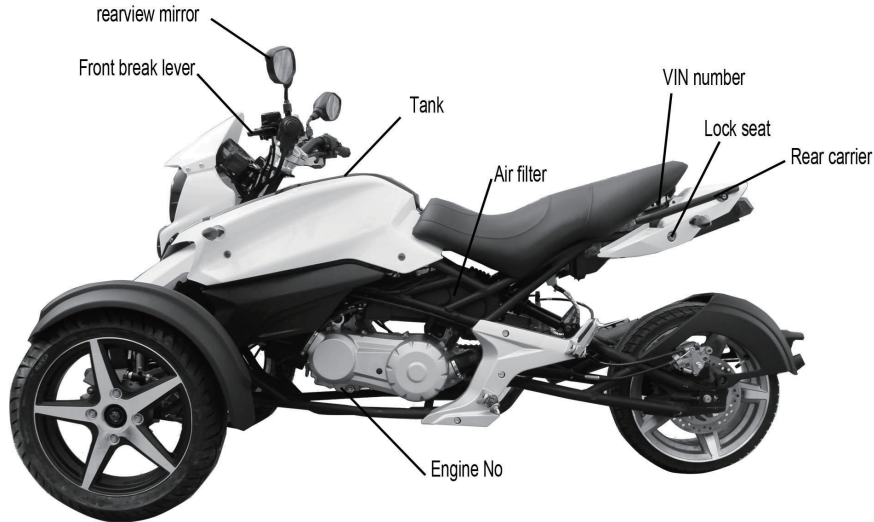


FIG 1

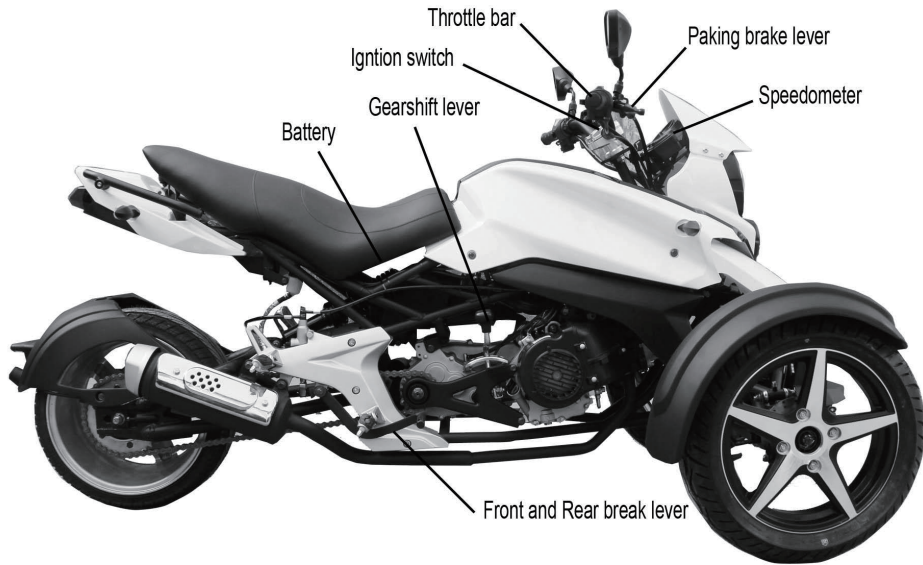


FIG 2

Speedometer and indicator: FIG 3

- (1) Turn right signal light
- (2) Hi-Low beam
- (3) N shift
- (4) reverse gear shift
- (5) Speedometer
- (5) Speedometer
- (6) Fuel meter
- (7) engine speed indicator
- (8) Odometer



FIG 3

Ignition switch (Fig4)

- (1) On (⊙)-when the switch turn to this position,
Start engine and do not pull out the key.
- (2) Off (⊗) When the switch turn to this position,
Start engine power off and take out the key.
- (3) parking lamp switch (P) When the parking light switch is switched on,
the front position lamp and the rear lamp are often bright.



FIG 8

Notice :If the engine is idling speed for a long time in the hot climate, It will appear too hot

phenomenon Must close engine.

FUELMETE

Fuel meter (7) show the approx remainder of flue. When the hand point to (F), it indicates Full tank of 8.3L.

When the hand at red section it indicates the remainder of flue is 1.8L.



FIG 5

Flameout switch (FIG 6)

Press “✂” button, the engine is off, restart the engine, press “○” button

Starter switch (3) (Fig 6)

Press this button to start engine

The front light change switch (Fig 6):

Press (≡D) button is high beam; press (≡D) button is low beam.

Turn signal light switch (Fig6):


When the switches on (↶) turn left. When the switch on (↷) turn right



FIG 6

Press it down the light turn off.

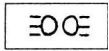
Horn switch (Fig6) :

Press  (Fig6) the horn makes sound.

Light switch(Fig7):



Head light,turning light and meter light are OFF simultaneously in this position.



Turning light , meter light are ON simultaneously in this position.




Head light is ON in this position .(Lights do not come on when engine is not started)



FIG 7

Warning switch (Fig7)

When you press this button  , the front and rear lights are flashing at the same time.

Starting switch (Fig7)

press this button  , the engine is started.

III Operation instruction

Check before riding:

Check before riding, for safety and prevent trouble or accident, pre-check up is necessary.

GASOLINE

When the pointer or fuel meter is close to red section, replenish oil.

Gasoline tank container: 8.3L

Clock –wise to open the tank cover. (Fig 8)

Suggestion gasoline: octane number is 92

Do not replenish oil together with tidy or water

NOTICE:

If check oil volume or replace oil soon after stop, Beware of burning.

Keep gasoline level under away from the height panel of flue tank while replenishing.

If gasoline level is too high, it is easy to leak out.

If swallow the oil careless, see the doctor at once.

FIG 8



Inspection engine oil level (Fig 9、 Fig 10)

1.Keep the motor steady in the plane screw up the oil dip rod and clean it, then reinsert and inspect oil.

2.If the oil level reach to down limit sign (2), replenish the standard oil to upper limit sign (3)

Suggestion the engine number:

SF 15W-40

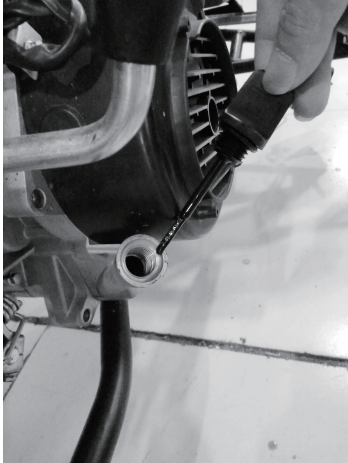


FIG 9



The free path of front brake handle (Fig 11, Fig 12)

Measure the distance of Front brake pedal before detent function,

The free path should be between 10-20mm, take the tail of brake handle as standard.

Front brake fluid inspection

1. Turn the handlebar to the upright position, check the brake fluid level in the right front cylinder. Make sure the level stays between upper limit and lower limit.
2. Inspect the wear condition of the brake pads if the brake fluid level gets close to the lower limit.
3. It indicates there is brake fluid leakage if brake pads have worn away but not exceeding the limit, Please consult a dealer.

RECOMMENDED BRAKE FLUID: DOT3

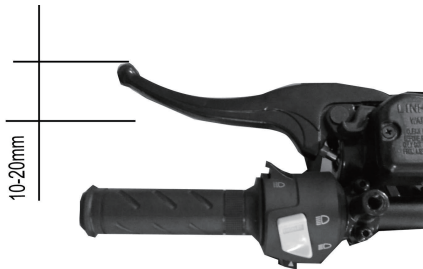


Fig 11



Fig 12

The free path of rear brake handle (Fig 13、 Fig 14)

Measure the distance of rear brake pedal before detent function,

The free path should between 10-20mm, take the tail of brake handle as standard.

Rear brake fluid inspection please according to Front brake fluid inspection

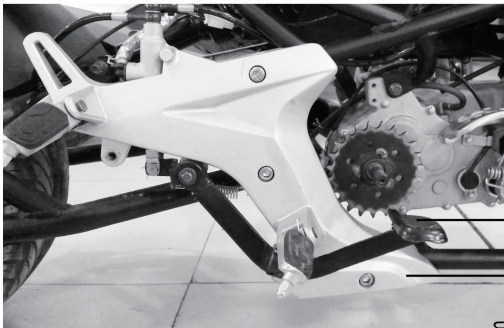


Fig 13

10-20mm

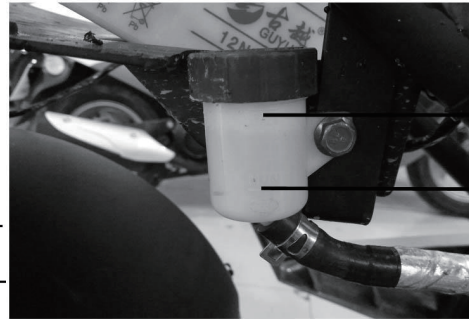


Fig 14

Parking brake level (Fig 15)

Parking brake level is in front of right lever, It allows to engage or release the parking brake.

With the vehicle stopped, press the switch to apply the parking brake. The parking indicator lamp will flash.



Fig15

TYRE

check the tyre pressure regularly and adjust.

- Check after the tyre cooled
- Check if there any metal trash or gravel in the groove of tyres
- Check if any metal trash or gravel in the groove of tires.
- Replace the tire when it wears to the abrasion mark.

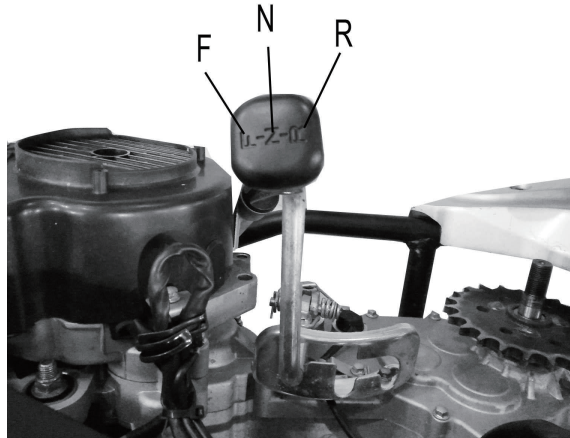
ADMONITION:

- **If the tyre pressure dose not accord with the standard, it will possibly the traffic accident.**
- **It is dangerous to use the worn tire, it will effect to the friction between tyre and road.**
It will possibly bring trouble or driving or even an accident.

Gear shifting (Fig 16)

Warm up the engine for normal running.

- (1) When the engine idling, the gear lever to the F position, forward.
- (2) When the vehicle is stopped, the gear lever is pulled to the N position.
- (3) When the vehicle is back, the gear lever is pulled to the R position



(Fig 16)

Start engine (Fig 17)

Put the key into ignition switch and turn to ON
Electric starter: press start button (1) to start engine, DO not use the starter more than 5 seconds each time.



Fig 17

NOTICE:

Electric starting is only in the condition of grasping the brake handle.

Electric starting not succeed, if starting again with it, we must stop for 30 seconds, If still can't start, Please use kick-start.

Engine kick-start :open ignition switch and add gasoline slowly, step kick-starter pedal down quickly with strength to start engine.

Notice: After using kick-starter pedal, pull it back to original position. Otherwise have effect to safety ride, and bad to engine.

Had better not open ignition switch when scooter has not use for a long time, and first step kick starter for some times. Make flue into carburetor and then into cylinder, and open ignition switch, Start engine, it is easy to start engine like this.

If cold start, warming up engine for 2-3 minutes.

Drive the motorcycle:

WARNING:

Wear the trousers to avoid touching with exhaust pipe and was burnt.

The entire device must be installed according to requirement of the traffic rule.

Take the license to riding.

NOTICE:

Control the speed and load during 1000kmof running in period.

Load should be within 100kg(including driver)

If take more weight and speed will reduce life of engine, Change the crankcase oil after 300km (Page 25) to a new motorcycle.

Speed according to (Blank 2)

Blank 2

Log (km):	0-200	200-500	500-1000
Speed (km/h):	<=30	<=45	<=55

Drive the operation

Release rear brake level, add gasoline slowly with throttle grip, then motorcycle will move forward smoothly.

NOTICE:

Do not add much gasoline suddenly with throttle grip to prevent motorcycle rush out.

Maybe lose control.

Before drive, must take the stand.

Brake the operation:

1 . Control throttle grip

If want to reduce speed, Must control the throttle grip, at that time use the two-brake system, this point is very important.

Notice: if the drive will be done in this situation, for example: damp or loosely roads, raining .no matter brake, add speed or turn must take care.

2.operate front and rear brake.

Notice: Must totally close the flue when drive in a descent, and use two-brake system for reduce speed. Don't use brake continuously, other wise it will reduce the effect of brake because of too hot.

Warning: Don't use single brake when drive with high speed, special crooked and slippery road. Must use two-brake system for avoiding accident.



Fig18



Fig19

Stopping the engine (Fig 18, Fig 19)

Close oil: revolve to the lowest place according to picture. (Normal situation is loose the throttle grip, and the engine is idling speed)

Put the key to “(X)” ”

Stopping the motorcycle:

When the motorcycle stop, put the key to “X” position .put down stand and lock handle.

Alarm points:

- 1.Locking the handle and do not left key in the switch
- 2.Put the motor into the garage
- 3.Use the excellent guard against theft device

IV Maintenance and service

Maintenance periodic form

The maintenance is important to motorcycle, If drive with high speed in bad situation for a long time, must add the times of maintenance, If motorcycle have a big repaired or a accident, Must take it to check for mainly spare parts. For example: frame, indicator parts and so on. Repair or change the worn parts. Make sure safety.

Notice: Don't change motorcycle make sure it's safety, Must use good quality spare parts if replace spare parts .if use bad quality spare parts, it will influence the safety of motorcycle.

Warning: Must close engine when make maintenance .it make sure the repairer's safety. And put down the stand on the smooth ground.

Notice: Must make a good maintenance if the motorcycle don't use over a month, or don't use in all the winter. Make flue, tire and battery avoiding corrode.

Maintenance periodic table (Blank 3):

I: Inspection, including check, clean, lubricate, refuel, repair or replacing if necessary.

A: Adjusting C: Cleaning R: Replacing T: Tightening

BLANK 3

Maintenance period Item	Odometer (km)													Every day check before riding
	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	
Engine oil		R		R			R			R			R	I
Spark Plug							I						R	
Valve Gap							A						A	
Engine Bolt							I						I	
Oil Filter							C						C	
Gear Oil							R						R	
Fuel Filter							R						R	
Air Cleaner							C						R	
Drive Chain							I/T						I/T	

Maintenance period Item	Odometer (km)													Every day check before riding
	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	
Brake Shoes/Pad Wear							I						I	
Brake Liquid							I						I	
Suspension							I						I	
Nuts,Bolts,Fasteners							I						I	
Wheel/Tyre							I						I	

*If you have all of tool and maintenance document, you are a mechanic person, or else must let special person maintenance and repair.

**For safety, we claim all of items have done by mechanic person.

Note: 1,if this area is very damp or have a lot of dirty ,you had better make a short time for maintenance, when it take more oil quantity or not strength, it must change.

2,if it was used every day, must make maintenance.

3, according to season to change in a cold area.

Simple trouble solution (Blank 4)

Trouble phenomenon	Trouble reason		Solution
THE ENGINE CAN NOT START	Spark plug no spark	Spark plug wear	Change
		Ignition wire wear	Change
		CDI wear	Change
		Ignition switch wear	Change
		Ignition Come off or become flexible	Connect well or firm and tight
	The spark is weak	Spark plug gap too small or big	Adjust
		Spark plug pole burn	Change
		The spark plug accumulates carbons	Clear out
		No spark to consult the spark plug	
		No fuel	Replenish
		Oil mouth stop up	Dredge
		Fuel tank pressed the switch to	Clean
	The cylinder compresses strength low	Air filter stop up	Clear
		Take in system leak	Check and clear out
		Spark plug seat leak	Screw up spark
Cylinder cover leak		Change spacer	
Air nozzle bracket worn		Polish	

Trouble	Trouble reason	Solution
The vehicle is unable to accelerate performance badly	The octane value of the fuel is too low	Change flue
	Oil path stop up	Clean oil path
	Ignition time is too early or too late	Check wire and change CDI
	Spark too weak or flameout	Check ignition and clear out
	Mixed air too dense or race	Clean adjust carburetor
	Engine leak	Check and clear out
	Muffler stop up	Dredge
	Belt wear	Change
	The automatic clutch roller wearing	Change
Consult engine can not start		
The electricity is started and does not work	Exceed clutch worn	Change
	Start the relay wear	Change
	Lack of Electric consumption	Discharge
Riding unsteady	Turning axletree gap too wide	Adjust
	Lack of tire pressure	Pump
	Front rear shaft flexible	Screw up nut
Apply the brake and does not work	The brake shoe one is worn and torn to limit	Change
	Apply brake to enclose wear	Change
	The guy cable is worn to apply the brake	Change

HOW TO CLEAN THE AIR FLITER (Fig 20):

- 1 Remove rear cushion
- 2 Take apart air filter cover and screw up bolt.
- 3 Take out filter element
- 4 Compress air or use dry brush to clean filter element.
- 5 Do the above opposite to reinstall the air filter.

NOTICE:

Do not use gasoline or low burning point solvent to clean paper filter element.
Maintenance battery(Fig 21)

It is Adopted the airtight battery (don't add water).

Notice: Do not take apart the airtight battery upper cover

If the motorcycle have not been used for a long time. Taking off the battery and putting it into a dry and place

The head of battery was corroded, please take it off and clean. (Can use boil water)

NOTICE: turn off the ignition switch, take apart negative pole ⊖ first, but install

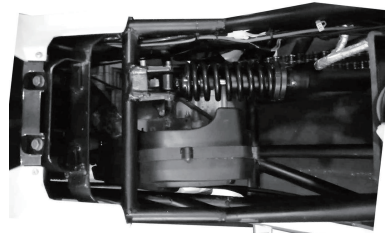


Fig20

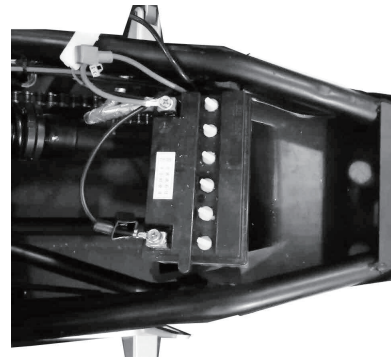


Fig21

positive pole ⊕ when you are installing.

24. Idling adjust (Fig 22, Fig 23)

The carburetor is in the best situation before sold, if the carburetor is still influence riding Please adjust it under the instruction of professional man.

Warm up few minutes before start

Idle to adjust screw (1) is it is it improve idle speed slightly to enter to fasten, is it is it withdraw it than screw slowly after stocking to fasten to mix and then rapidly, to stabilizing the position at most, then withdraw slowly, get and stabilize the position the most low.

After adjust idle, then adjust accelerograph handle to free path for 2-4mm, then use adjustor (2) to adjust, screw down nuts, and then screw up it after adjust.

Adjusting the good idle speed, when should be able to suddenly strengthen the throttle, the rotational speed of the engine should be excessively steady, no flash back and can't go out, stop working or arrange organ not to blow out at being last throttle.

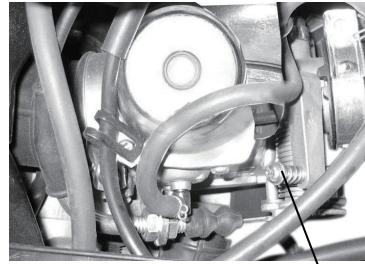


Fig22



Fig 23

Change engine oil and clean strainer of oil filter (Fig 23)

Change engine oil

Change the engine oil before engine cold, and under the condition of steady of motor.

Clean the strainer.

Take out oil hole cover and oil filter (1) then take strainer (2) and spring (3)

Using liquor clean the strainer.

Install oil filter then take strainer and spring!

Replenish the standard engine oil to upper limit line of the oil hole cover.

Install the cover of hole and liter.

Start engine and keep for few minute then flameout.

Measure the lever of engine oil again, makes sure it is not leak.

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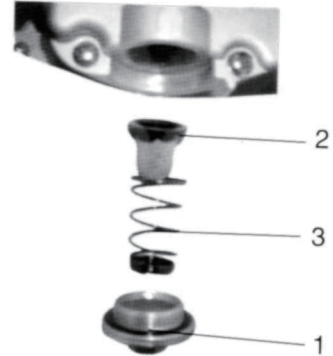


Fig 2.

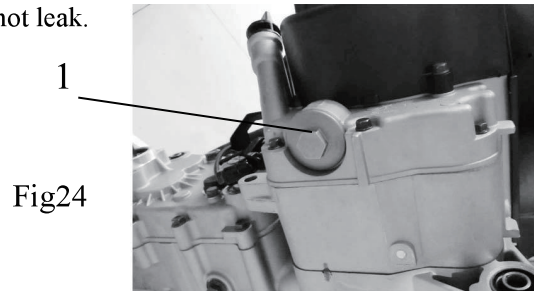


Fig24

Change gear oil (Fig 24)

Suggestion engine oil No: 85W/140-GL-4

Oil container

Resolving capacity:0. 2L

Changing capacity:0. 2L

Take apart the immiting bolt (2), and the spilling bolt (1).

NOTICE: THE ENGINE MUST BE WARMER WHEN SPILLING!

Reinstall the spilling bolt after clean. And screw up.

Inject 100ml to engine through immit bolt

Install immit bolt and screw up.

Spark plug(Fig 25)

The specification of spark plug

Standard:

Take apart the spark plug; Take it of with special tool.

Examine if there is dirty on poles and the porcelain head in center .If it has corroded, must change it .It is the best way to clean with the liquor of spark plug Use wire brush if no cleaner.

Normally the gap between side electrode (1) and Center electrode (2) is 0.6-0.7.

Don't use other spare plug.

Fuse replacement

The specified electric current of the total fuse is 15 A

If the connection is not good, the fuse will overheat and breakdown.

Do not use any fuse whose specification is different from assigned. It is the same

Main reason for wiring burning.

NOTICE: Do not use brass wires to replace the recommended.

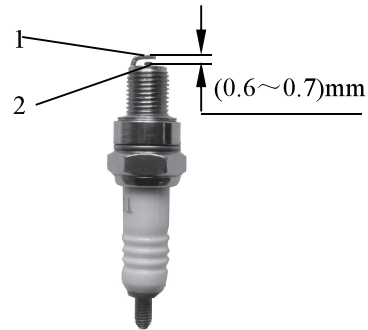


Fig. 25

V. Vehicle Storage

STORAGE

For the motorcycle not to be used for a long time, some steps should be taken to prevent malfunction and damage to the parts. Besides, before the long-time storage, proper repairs should also be done.

- Change the engine oil.
- Drain out the fuel in the fuel tank and carburetor.

Warning: Gasoline is inflammable and may cause fire and even explosion under certain conditions. Therefore, do not smoke or make fire.

- ◆ **Take apart the spark plug, inject about 15~20ml oil into the cylinder, step down the kick pedal several times and then fix the spark back on.**
- ◆ **Take apart the battery and place it in a place without strong light or frozen ice, charge it every month.**
- ◆ **Clean the vehicle and wipe it dry, coat the wax on the surface of the paint, and anti-rust oil on other metal parts.**
- ◆ **Cover the vehicle and put it in a cool place.**

Use the vehicle after long-time storage

- Take off the cover and clean the vehicle. You should change the oil after 4 months above storage.
- Charge the battery if necessary, and fix it on.
- Check all the parts before driving., ride motorcycle in a low speed in non-busy area, make sure the safety.

VI. Vehicle identification.

Position of the model No, reference No and escutcheon. (Fig 26)

Provide the above No when register, get the license, yearly inspection, and also enjoy the after-service clause.

The escutcheon is riveted on the fixing board of the right part of stand frame



Fig26

VII. Tool

Toolbox (Fig27) is placed in the luggage box under the saddle, and toolbox contains the following tools:

Wrench 8x10mm

Wrench 12x14mm

Screwdriver

Hexagonal wrench

Handle of screwdriver

Sleeve wrench 18.5x17

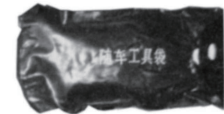


Fig27

VIII. Main technique Parameter

Table5

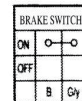
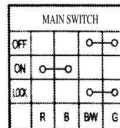
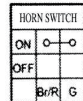
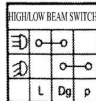
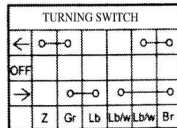
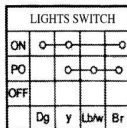
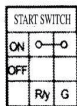
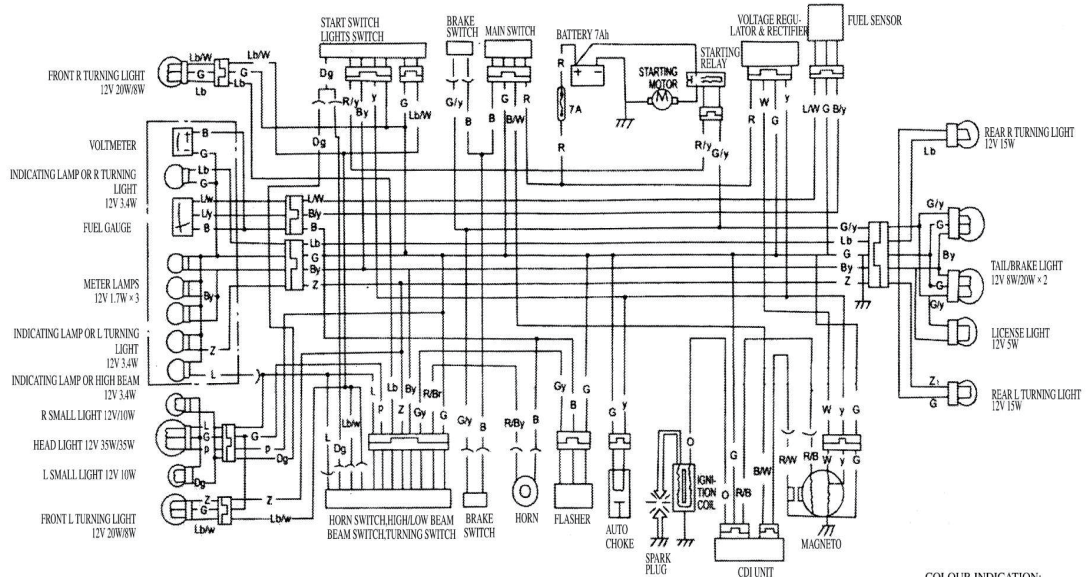
Item		Parameter	Item	Parameter
L×W×H (mm)		2025×1220×1000	Rim	Front aluminium
Wheelbase	mm	1500		Rear aluminium
Min Ground Clearance mm		2580	Tyre Specifica- Tions	Front 140/60-14 280kpa
Unladen Mass		178kg		Rear 235/30-14 225kpa
Maximum laden mass		150kg		
Brake	Front	Disc by handle		
	Rear	Disc by handle		

Add table5

Item	Parameter	Item	Parameter
Type	1P63QML	Lubrication Mode	Pressure Spray
Mode	Single cylinder,4 stroke,air cooling	Lubrication	SF 15W-40
Manufacturer	ZHEJIANG GEELY MING INDUSTRIAL CO., LTD.	Starting	Electric
Bore×Stroke mm	62.5×57.8	Clutch	Dry centrifugal automatic
Compression Ratio	10:1	Transmission	CVT
Displacement/Volume ml	177.3	Oil Pump	Rotor
Nominal Displacement ml	175	Primary Gear Ratio	1
Rated Power kW/(r/min)	/	Final Gear Ratio	1.411

Rated kW/(r/min)	Power	6.8/7500	Gear Ratio	CVT	2.508~0.842
Rated N.m/(r/min)	Torque	10/6000		D Gear	7.87
Idling r/min	Speed	1700 ± 100		R Gear	14.02
Rate Fuel,Consumption	Of	≤367	Speedometer Type/Mode		electronic
Fuel		92 #	Headlamp		12V 35W
Ignition Type		C.D.I	Battery		12V 9A.h
Horn Type/Mode		Mechanical	Parking Brake		/
Rear-view Mirror		Non-circular	Combined Switch		/
Caburettor		Flat suction vacuum			
Spark Plug		A7TC			
Radio Disturbance		Resistive			

IX Circuit diagram



COLOUR INDICATION:
 RED:R, BLACK:B, BLUE:L
 WHITE:W, YELLOW:Y, GREEN:G
 BROWN:Br, GREY:Gy, PURPLE:Z
 PINK:P, LIGHT BLUE:Lb
 ORANGE:O, DARK GREEN:Dg

X List of emission control and emission related parts number

Part Nomenclature	Part Number
Catalytic Converter	OX-35X100-JL175ZK
Charcoal canister	OX-TGM-1
Secondary Air injection	JT
Carbureter	PD24J
CDI	JL175ZK-09.03
Spark Plugs	A7TC
Fuel Tank	JL175ZK-04.02
Fuel Tank Cap Cover	JL175ZK-04.03
Air Cleaner	JL175ZK-12.02
Fuel line	chuan huan EPA SAE J30R7 Q-08-017 15g/m2/day
Roll-Over Valve	OXIN

Warranty

HMC-Emission Control System Warranty Statement

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The U.S. Environmental Protection Agency and Jili Scooter Import & Export LLC (hereinafter **MFR**), are pleased to explain this Emission Control System Warranty on your motorcycle. New motor vehicles must be designed, built, and equipped to meet U.S. EPA standards. **MFR** must warrant the emission control system on your motorcycle for the period of time listed below provided there has been no abuse, neglect or improper maintenance of your motorcycle.

A Warranty Statement: Replacement Parts, Service and Warranty. Any certification issued under this procedure is conditional upon full compliance with the design and defects emissions warranty requirements in the Federal Clean Air Act (42 U.S.C. §7401 et set) for the applicable useful life (as specified in 40 CFR 86.402-78) in which the engine is installed.

Your emission control system may include components such as the carburetor or fuel-injection system, the ignition system, catalytic converter and engine computer. Hoses, belts, connectors and other emission- related assemblies may also be included.

Where a warrantable condition exists, **MFR** will repair your motorcycle at no cost to you, including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE

The warranty period begins on the date the motorcycle is delivered to the first vehicle owner and subsequently continuous to the ultimate vehicle owner thereafter and covers the useful life of the HMC per for **18,000 km (11,185 miles) or 5 (five) years** from the date of initial retail delivery, whichever first occurs.

If an emission-related component on your motorcycle is defective, the defective parts will be repaired or replaced by **MFR**. This is your Emission Control System DEFECTS WARRANTY.

OWNER'S WARRANTY RESPONSIBILITIES

As a motorcycle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. **MFR** recommends that you retain all receipts covering maintenance on your motorcycle, but **MFR** cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your motorcycle to a **MFR** dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the motorcycle owner, you should be aware that **MFR** may deny your warranty coverage if your motorcycle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

In case no **MFR** authorized dealer is in the vicinity, the **MFR** warranted vehicle's repair can be conducted by a local licensed mechanic workshop. **MFR** will reimburse the ultimate vehicle owner for all expenses including diagnosis, warrantied part(s) and repair labor charges once paid by the ultimate vehicle owner. **MFR** will deliver warranted parts to the licensed mechanic workshop or the ultimate vehicle owner for the Warranty repair job done at the MFR approved licensed mechanic workshop at vehicle owner's convenience with no cost to the

ultimate vehicle owner.

The ultimate vehicle owner will be required to send the original copy of receipt of repairs conducted by the licensed mechanic workshop for reimbursement by the **MFR**.

If you have any questions regarding your warranty rights and responsibilities, you should contact **MFR** by the Toll Free **888-675-3899**. You can always contact **U.S. Environmental Protection Agency, 2000 Traverwood Drive, Ann Arbor, MI 48105** for any Emission Control System Warranty related complaints about the **MFR**. But for actual Warranty related repair job, you should only contact **MFR** by Warranty service number printed on this Warranty statement included in the Owner's Manual or on MFR's website; or the Dealer where your vehicle is purchased, or other **MFR** authorized local Dealer near you.

LIMITED WARRANTY ON EMISSION CONTROL SYSTEM

MFR warrants that each new **MFR** motorcycle, which includes as standard equipment a headlight, taillight and stoplight, and is street legal:

A.is designed, built and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency and section 42 USC §7521.

B.is free from defects in material and workmanship which cause such motorcycle to fail to conform with applicable regulations of the United States EPA for a period of use of:

18,000 km (11,185 miles) or 5 (five) years from the date of initial retail delivery, whichever first occurs.

1. COVERAGE. Warranty defects shall be remedied during customary business hours at any **MFR** authorized dealer or a licensed mechanic located within the United States of America in compliance with the Federal Clean Air Act and applicable regulations of the United States Environmental Protection Agency. Any part or parts replaced under this warranty shall become the property of **MFR**.

2. LIMITATIONS. This Emission Control System Warranty shall not cover any of the following:

- A. Repair or replacement required as a result of
 - (1) accident;
 - (2) misuse;
 - (3) repairs improperly performed or replacements improperly installed;
 - (4) use of replacement parts or accessories not conforming to **MFR**'s specifications which adversely affect performance and/or
 - (5) use in competitive racing or related events.
- B. Inspections, replacement of parts and other services and adjustments required for required maintenance.
- C. Any motorcycle on which the odometer mileage has been changed so that actual mileage cannot be readily determined.

3. LIMITED LIABILITY

- A. The liability of **MFR** under this Emission Control System Warranty is limited solely to the remedying of defects in material workmanship by a **MFR** authorized dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the motorcycle or transportation of the motorcycle to or from the **MFR** dealer. **MFR** SHALL NOT BE LIABLE FOR ANY OTHER EXPENSES, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF OR INABILITY TO USE THE **MFR** VEHICLE FOR ANY PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
- B. NO EXPRESS EMISSION CONTROL SYSTEM WARRANTY IS GIVEN BY **MFR** EXCEPT AS SPECIFICALLY SET FORTH HEREIN. ANY EMISSION CONTROL SYSTEM WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OF THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE EXPRESS EMISSION CONTROL SYSTEM WARRANTY TERMS STATED IN THIS WARRANTY. THE FOREGOING STATEMENTS OF WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHER REMEDIES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
- C. No dealer is authorized to modify this Limited Emission Control System Warranty.

4. LEGAL RIGHTS. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE

5. THIS EMISSION CONTROL SYSTEM WARRANTY IS IN ADDITION TO THE MFR GENERAL MOTORCYCLE LIMITED WARRANTY.

6. THE EMISSION CONTROL SYSTEM WARRANTY REPAIRS ELIGIBILITY EVALUATION

Your vehicle's eligibility for **MFR** Warranty repairs shall be evaluated by MFR or at MFR authorize Dealer's store where your vehicle is purchased. If Warranty repair is done at a local licensed mechanic workshop (with Lic #), the ultimate vehicle owner is required to call or email **MFR** and provide the following information for Warranty repairs eligibility evaluation prior to your Warranty Claims:

- Invoice number and purchase date;
- VIN number of the vehicle;
- Picture of the faulty parts;
- Labor charge for the repairs quoted by the mechanic workshop;

7. EMISSION CONTROL SYSTEM WARRANTY PARTS DELIVERY AND LABOR CHARGE REIMBURSEMENT

- A. **MFR** will deliver the repair parts at no cost to the ultimate vehicle owner or the licensed mechanic workshop you choose (if no **MFR** authorized local dealer is available), using express mail once your vehicle Warranty repairs eligibility is established.
- B. The ultimate vehicle owner has to mail in the actual repair cost receipts to MFR for reimbursement.
- C. **MFR** will reimburse the ultimate vehicle owner the Warranty repair labor cost once your Warranty repair is completed by the approved local licensed mechanic workshop.

8. ADDITIONAL INFORMATION

- **MFR** recommend that OEM parts be used when Warranty repairs are needed. Nonetheless, any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. The MFR Warranty is still effective under such circumstance. However the ultimate vehicle owner is responsible for the performance of all required maintenance listed in your Owner's Manual.
- **MFR** recommends that you retain all receipts covering maintenance on your vehicle, but **MFR** cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

9. CUSTOMER COMPLAINTS AND WARRANTY CLAIMS TRACKING

To ensure Warranty parts, complaints and repairs are handled and tracked securely and timely, each Customer Warranty Claim is input into our data base by the retail Dealer/wholesale Dealer via company website. Warranty Claims will be reported which we then review for Warranty Claims tracking management, parts, and credit processing for individual customers.

<http://www.jiliscooter.com/warranty.asp>

10. EMISSION DEFECT REPORT TO GOVERNING BODY

MFR will monitor Warranty Claims entry in a timely manner and will report to EPA once such specific emission-related defects exist in twenty-five (25) or more vehicles or engines of the same model year, per 40 CFR §85.1903(a)(2).

11. FOR CALIFORNIA OWNERS HERE IS YOUR CA SPECIAL WARRANTY TERMS REQUIRED BY CALIFORNIA AIR RESOURCE BOARD

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

● YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board is pleased to explain the emission control system warranty on your 2023 motorcycle. In California, new motor vehicle must be designed, built and equipped to meet the State's stringent anti-smog standards. **MFR** must warrant the emission control system on your motorcycle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your motorcycle.

Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, catalytic converter, and engine computer. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists, **MFR** will repair your motorcycle at no cost to you including diagnosis, parts and labor.

● MANUFACTURER'S WARRANTY COVERAGE

For 5 years or 18,000 kilometers (11,185 miles), (whichever first occurs);
If any emission-related part on your motorcycle is defective, the part will be repaired or replaced by **MFR**. This is your emission control system DEFECTS WARRANTY.

● **OWNER'S WARRANTY RESPONSIBILITIES**

- I. As the motorcycle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. **MFR** recommends that you retain all receipts covering maintenance on your motorcycle, but **MFR** cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- II. You are responsible for presenting your motorcycle to an **MFR** dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.
- III. As the motorcycle owner, you should be aware that **MFR** may deny your warranty coverage if your motorcycle or part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact the MFR at 888-675-3899 or the California Air Resource Board at 9528 Telstar Avenue, El Monte, CA 91731.

● **FOLLOWING ADDITIONAL INFORMATION FOR EMISSION CONTROL SYSTEM WARRANTY PARTS ARE FOR CA VEHICLE OWNERS**

- a. Any warranted part scheduled for replacement as required maintenance is warranted up to the first scheduled replacement point.
- b. Repair or replacement of a warranted part is to be performed at no charge at a warranty station, except in an emergency situation when a warranted part or a warranty station is not

reasonably available to the owner. In an emergency, repairs may be performed at any available service establishment, or by the owner, using any replacement part. The **MFR** will reimburse the owner for the expenses, including diagnostic charges for the emergency repair or replacement, not to exceed the **MFR**'s suggested retail price for all warranted parts replaced and labor charges based on the **MFR**'s recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate. The owner may reasonably be required to keep receipts and failed parts in order to receive compensation. A lack of availability of parts or the incompleteness of repairs within a reasonable time, not to exceed 30 days, also constitutes an emergency.

c. The warranty period shall begin on the date the vehicle is delivered to an ultimate purchaser.

d. The vehicle is designed, built and equipped so as to conform, at the time of sale, with all applicable regulations adopted by the Air Resources Board, and is free from defects in materials and workmanship which cause the failure of a warranted part.

e. A warranted part which is scheduled for replacement as required maintenance is warranted for the period of time prior to the first scheduled replacement point.

f. The manufacturer shall be liable for damages to other vehicle components proximately caused by a failure under warranty of any warranted part.

g. Any replacement part may be used in the performance of any maintenance or repairs. Any replacement part designated by a manufacturer may be used in warranty repairs provided without charge to the owner. Such use shall not reduce the warranty obligations of the manufacturer, except that the manufacturer shall not be liable for repair or replacement of any

replacement part which is not a warranted part.

Part Name	Part No.	Part Manufacturer
Catalytic Converter	OX-35X100-JL175ZK	Taizhou OuXin Environmentally Cleaner, Ltd.
PAIR Valve	JT	Wenling Jitong Electromechanical Co., Ltd.
Fuel Tank	JL175ZK-04.02	Xinzhou Taizhou Oil Tank Manufacturing Co., Ltd.
Fuel Tank Cap	JL175ZK-04.03	Zhejiang Zhengdong Vehicle Parts Co., Ltd.
Carburetor Assembly	PD24J	Shanghai Kunfu Vehicle Parts Co., Ltd.
Spark Plug	A7TC	Zhuzhou Torch Spark Plug Co., Ltd.
ECM / ICM	JL175ZK-09.03	Chongqing Sanmu Huarui Electromechanical Co., Ltd.
Coil	JL175ZK-09.46	Chongqing Sanmu Huarui Electromechanical Co., Ltd.
Evap. Canister	OX-TGM-2	Taizhou OuXin Environmentally Cleaner, Ltd.
Air Cleaner	JL175ZK-12.02	Wenling Keben Electromechanical Co., Ltd.

h. The repair or replacement of any warranted part shall be excluded for warranty coverage if the manufacturer demonstrates that the vehicle has been abused, neglected, or improperly maintained, and that such abuse, neglect, or improper maintenance was the direct cause of the need for the repair or replacement of the part.

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