

User's Safety Statement

Dear customer, please don't ride the motorcycle before you are not reading this handbook or unknown this motorcycle performance, also don't borrow to anybody who don't know how to use.

Driver's attention:

1、Before driving

- ① Check motorcycle condition careful,don't ride if get ill; ②Don't ride when feel sick or take medicine; ③Strickly prohibit drunk driving and driving without lincence; ④Be sure to wear the protective equipment ;
- ⑥ The driver must be adults over the age 18.

2、In the drive

- ① This vehicle not belongs to on-road type, please don't ride on the street;
- ② Keep a good mood and psychological qualities, pay all attention on driving; ③Reduce the rapid acceleration and suddenly brake times to prevent the emergencies;
- ③ Should slowly when driving detour road to prevent skid(Prohibit use the front brake,otherwise the vehile will easy to fly out) ;
- ⑥ When rainy or snowin, the ground friction is small and brake distance will be longer,the vehicle should be slowly and brake operation should be soft to avoid locking fall down ;

The company reserves its rights to make any changes due to product updates.

Introduction

1、Resume	P 2~P 7
2、Maintenance	P8~P33
3、Electrical schematics	P34
4、Product warranty description	P35

1、Resume

Maintenance rules.....	1-3	Front wheel / Suspension / Handle description	1-6
Brief.....	1-3	Rear wheel / Suspension description.....	1-7
Lubrication system description	1-5	Battery / Charging system description.....	1-7
Fuel system description.....	1-6	Ignition system description	1-7
Cooling system description.....	1-6		

Maintenance Regulation

1. Must to use this company or this company recommend spare parts or lubricants; Not to suits to this company designing parts or lubricants ,may damage the vehicle .
2. Should use the metric tool, bolt, nuts and screws to maintain vehicle, it's not can be interchanged with British system.
3. If rebuild the vehicle should change the new gaskets, O-rings, split pins and retainer rings.
4. When tighten bolts and nuts,first starting with the big diameter or from the inner bolts. And then increase the number of steps by diagonal unless specified special order to tighten to the specified torque.
5. After decomposition,should clean the spare parts in the cleaner solvent; lubricating every smooth surface before assembly .
6. After assembly,check all spare parts installation and operation, if all these are right.
7. Dredge all the cables and wiring harness.
8. Please go to our authorized dealers for repair, unless the owners have special tools and maintenance of data and is a qualified mechanic.

Brief (Technical specification) : Motorcycle running-in period is 1000km, then at the range of 1000Km, the speed should not exceed 50km/h.

Items		Description
Measurement	Length	2180mm
	width	830mm

	Height Wheelbase Seat height Minimum ground clearance Whole weight	1280mm 1486mm 960mm 310mm 135kg
Chassis	Material Front wheel size Rear wheel size	Alloy 80/100-21'' 110/100-18'' or 110/90-19''
Engine	Type Maximum power / Rotate speed Maximum torque / Rotate speed Idle speed Minimum fuel consumption Bore × Stroke Displacement Compression ratio Intake type Lubricating system and pump type	ZS177 (The type number remarks upper the left axle box) Single cylinder, 4-stroke, water-cooling 19.5 kw / 9000 r / min) 23 N.m /(7000 r / min) 1500±100 r/min ≤367g/kw.h 77×53.6mm 249.6 ml 11.5:1 SOHC、4 valves Pressure splash

	Ignition advance angle Valve clearance (cold) Spark plug type Measurement Net weight Transmission type	BTDC 12° [3000r/min] Intake valve: 0.03 mm Exhaust valve: 0.05mm; CHAMR10N RG6YC 370mm×315mm×415 mm 30 kg Chain
Reduction ratio	Clutch type Gearshift type	Manual、Wet multi-plate Five gears international type, two levels of transmission 6 gears shift Primaryr reduction ratio: 2.91 First gear: 2.58 Second gear: 1.8 Third gear: 1.33 Fouth gear: 1.1 Fifth gear: 0.96 Sixth gear: 0.88
Electrical equipment	Ignition type Starting system Starting performance	DCDI Electric & Kick ≤ 15 s

Lubrication system

Items	
Engine lubricat oil capacity 1600ml	Oil brand: APL SJ SAE10W-40

Fuel system

Items	Description
Oil brand	97#
Capacity	8.0L
Tank capacity	1.4L

Cooling system

Items		Description
Cooling liquid capacity	Replacement	1.11L
	Disassembly	1.20L
Recommended antifreeze		Coolant or the same mass of ethylene glycol antifreeze
Standard coolant concentration		Mixed 1:1 with distilled water

Front wheel /Suspension / Operate specification

Items	Standard	Maintenance limited
Cooling wheel pression	32/2.25 (Psi/Bar)	-
Max load	455/206 (Lbs/Kgs)	-

Rear wheel/Suspension specification

Items	Standard	Maintenanace limited
Cooling wheel pression	32/2.25 (Psi/Bar)	-
Max load	617/280 (Lbs/Kgs)	-
Drive chain	112 joints	-

Battery/Charging system

Items		Description
Battery	Capacity	12V-6Ah
	Current consumption	Max: 0.1mA
	Voltage (20 ⁰ /68 ⁰ F)	Fully charged 13.0-13.2V

Ignition system

Items			Description
Spark plug	Standard	CHAMPION	RG 6YC

2. Maintenance

First: Maintenance date.....	2-9	Fourteenth: Engine oil/oil filter.....	2-23
Second: Technique maintenance.....	2-10	Fifteenth: Engine idle speed.....	2-26
Third: Racing technique maintenance.....	2-12	Sixteenth: Drive chain.....	2-27
Fourth: Frequently changed additional issues.....	2-14	Seventeenth: Drive chain slider.....	2-27
Fifth: Oil tube.....	2-15	Eighteenth: Drive chain rotor.....	2-28
Sixth: Oil filter screen	2-16	Nineteenth: Active/driven sprocket.....	2-28
Seventh: Accelerator operation.....	2-17	Twentieth: Brake fluid.....	2-29
Eighth: Hot start.....	2-17	Twenty-first: Brake block wear.....	2-30
Ninth: Air filter.....	2-18	Twenty-second: Brake system.....	2-30

Tenth: Spark plug.....	2-19	Twenty-third: Rocker arm/Vibration coupling.....	2-31
Eleventh: Radiator coolant.....	2-19	Twenty-fourth: Wheels/tires.....	2-32
Twelfth: Cooling system.....	2-20	Twenty-fifth: Front tube bearing.....	2-33
Thirteen: Valve clearance/Decompression device system...	2-21		

First: Maintenance date

Summary

- 1、 Before maintenance put motorcycle on the level ground .
- 2、 Ensure the maintenance of a well-ventilated environment .
- 3、 Prepare the work table(under the engine) and tools.
- 4、 If exhaust system not cooling enough before to disassemble spare parts or maintenance ,it will make a serious scald.
- 5、 Must replace the exhaust pipe gasket when take off exhaust pipe from Engine .
- 6、 Must check the exhaust system for leak after installation is complete .

Second: Technique maintenance

I: Check and clean, adjust, if necessary lubricate or replace C:Clean R: Replace A:Adjust L:Lubricate

Items \ Frequency		No matter which one		First time to maintain	Trip distance or Date			
		first received	Minutes	100	600	1200	1800	2400
			Kilometers	150	1000	2000	3000	4000
		Note	Month	1	6	12	18	24
*	Oil-way					I		I
* *	Fule filter screen					C		C
*	Accelerator					I		I
	Air filter	(Note 1)			C	C	C	C
	Crankcase breather pipe	(Note 2)			I	I	I	I
	Spark plug				I	I	I	I
*	Air valve			I	I	I	I	I
	Machine oil			R	R	R	R	R
	Oil filter			R	R	R	R	R

*	Decompression device			I	I	I	I	I
*	Idling			I	I	I	I	I
	Coolant fluid	(Note 3)				I		R
*	Cooling system			I	I	I	I	I
*	Secondary air system	(Note2)				I		I
	Transmission oil			R	R	R	R	R
	Drive chain	(Note 1)		I, L	I, L: Per 500km Or 3 months			
	Chain slider	(Note 1)		I	I, L: Per 500km Or 3 months			
	Brake fluid	(Note 3)			I	I	I	I
	Brake block				I	I	I	I
	Brake system			I	I	I	I	I
*	Lights					I		I
	Clutch system			I	I	I	I	I
	Side stay					I		I
*	F/R damping					I		I
*	Nuts 、 Bolts 、 Fasteners			I		I		I

* *	Wheels/tires			I	I	I	I	I
* *	Front tube bearing			I		I		I

9. * Please go to our authorized dealers for repair, unless the owners have special tools and maintenance of data and is a qualified mechanic.

**To be safe,we recommend all of these items should go to our authorized dealers for repair .

Remarks: (1)、If driving on the wet and dusty road ,should maintain frequently .

(2)、Repalce per 2 years with technique skill.

Third: Racing technique maintenance

Check all items before racing .

I:Check and clean,adjust, if necessary lubricate or replace C:Clean R: Replace A:Adjust L:Lubricate

Items \ Frequency	Notes	About 2.5 hours	Abouy 7.5 hours	About 15.0 hours	About 22.5 hours	About 30 hours
Accelerator		I				
Choke valve		I				
Air filter	(Note 1)	C				
Crankcase breather pipe		I				
Spark plug		I				

Coolant fluid	(Note 2)	I				
Valve/Decompression device	(Note 4)			I		
Machine oil	(Note 3)	I		R		
Oil filter	(Note 3)			R		
Idling		I				
Piston and piston rings				R		
Piston pin						R
Cooling system		I				
Drive chain		I, L	R			
Chain slider		I				
Drive chain rotor		I				
Active/driven sprocket		I				
Brake fluid	(Note 2)	I				
Brake block		I				
Brake system		I				
Clutch system	(Note 5)	I				
Control cable		I, L				
Exhaust pipe/Silencer		I				

F/R Damping		I				
Rear fork/ Rocker arm			L			
Front shock absorber oil	(Note 3)		R			
Nuts, Bolts, Fastener		I				
Wheels/Tires		I				
Front tube bearing					I	

This maintenance schedule is base on the driving average condition.The vehicle must be checked according to this maintenance list .

- Remarks:**
- 1、 First time to riding in the dirty environment should clean the vehicle .
 - 2、 Should check the vehicle after the first time no-race ride .
 - 3、 If replace the clutch plate and baffle ,should replace the transmission oil .

Fourth: Additional items should be changed frequently

Engine

Items	Reasons	Remarks
Cylinder head gasket	Leakage of a crush	As long as disassemble to be replaced
Clutch pressure plate	Abrasion or rust	

Head gasket	Leakage	As long as disassemble to be replaced
Right side cover sealing	Damage	As long as disassemble to be replaced

Chassis

Items	Reason	Remarks
F/R wheels	Abrasion	Minimum tread height:8mm
F/R Brake plate	Abrasion	Minimum thickness :1mm
Assembly bolts on the frame	Strain or abrasion	
Chain sliding plate	Abrasion or damage	
Side guard plate	Damage	
Front covering parts	Damage	
Front and rear fender	Damage	
Clutch handle/stay	Excessive gap or damage	
Brake handle	Excessive gap or damage	
Kick start bar	Excessive gap or damage	
Handlebar	Deformation or fissure	
The throttle handle	Damage	
Grip	Damage	
Shift lever	Damage	

Brake pedal	Damage	
Chain adjuster/bolts	Damage	
Air filter	Damage	

Notes:

- These spare parts and maintenance list are base on the average riding environment
- Vehicle must be checked strictly according to the user manual .

Fifth: Oil tube

Check the oil tube ageing,if necessary should replace it, see Figure 5-1

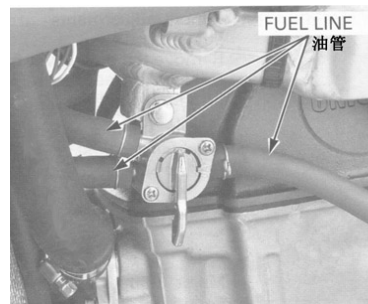


Figure 5-1

Sixth: Oil filter mesh

Disassemble fuel tank: first drop the oil into container, remove the tubing,bolts and oil switch, then clean the oil filter ,ensure the O-ring in a good condition and install it to oil switch ,re-install in reverse order with the disassemble, install the fuel tank (Make sure there is no leakage after installation). See Figure 6-1, Figure 6-2

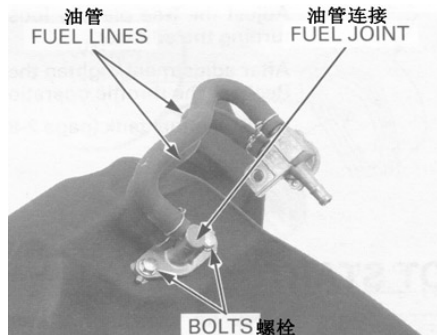


Figure 6-1

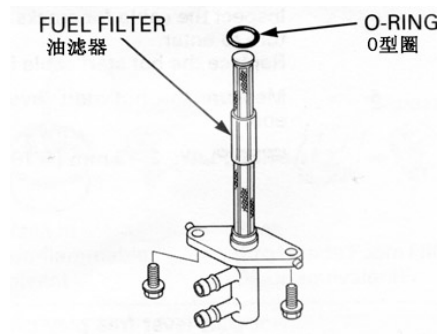


Figure 6-2

Seventh: Accelerator operation

Check the throttle grip, it should be rotate smoothly and freely return; Check the throttle cable, if it's ageing or damage should be replaced; If throttle operate not smoothly should lubricate the cable; The free rotation distance of adjust throttle grip is in 3-5mm.

Eighth: Cold start

Check the cold start grip, if necessary lubricate it ; check the cables,if these are damaged, replaced ;Ensure the cold start grip free travel in 2-3mm(See the Figure 8-1),tightening lock nuts and install the dust cover (See the Figure 8-2)

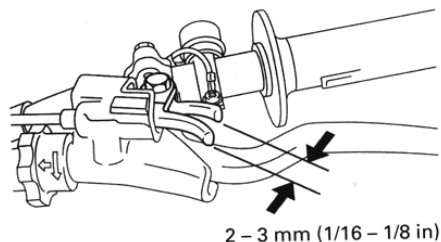


Figure 8-1

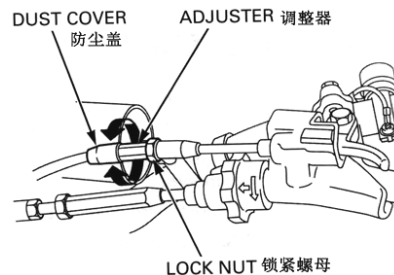
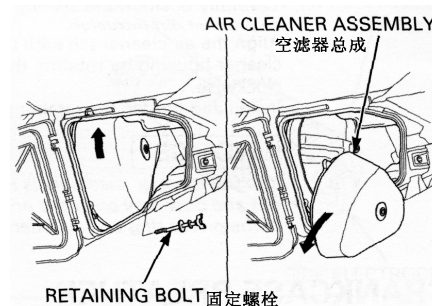


Figure 8-2

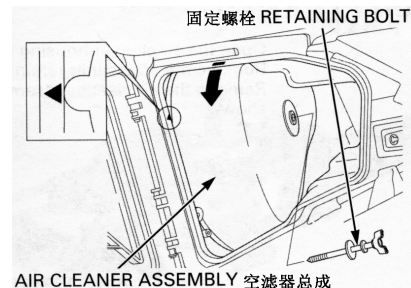
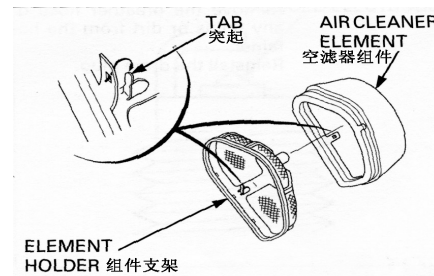
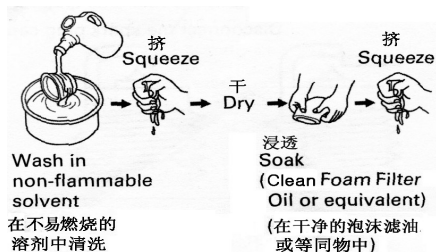
Nineth: Air Cleaner

Open the air cleaner side cover, remove the retaining bolts. Remove the filter element from bracket, put it into clean cleaner to wash, and then get it from that cleaner to the hot soup-sudz to wash; Clean the air filter inner room to ensure there is no mess; When the air cleaner and filter are completely dry, put filter to the special filter oil, use hand rubbing the filter ensure the oil can



be entered, squeeze the excess oil. Reinstall the air cleaner.

Notes: If the air cleaner assembly install incorrectness, the dirt or dust will enter the engine causing the piston rings and cylinder early period abrasion.



Tenth: Spark plug

Disassembly

Disassemble fuel tank, remove the spark plug cover from cylinder head, disassemble spark plug, and check it to see if it is damage (See Figure 10-1). (Before disassembly, use the compression air to clean the spark plug, ensure there is no mess enter the combustor.) According to the technique maintenance



Figure10-1

list to check and replace.

Check

Check the following spare parts, if necessary replacement.

- If heat guard is damaged
- If electrode is abraded
- Combustion condition、tinting;

If electrode was contaminated by carbon or other dirt, please replace the spark plug.

Recommended spark plug : Standard CHAMPION:RG6YC

In order to prevent damage the center electrode, use the feeler gauge to check the spark plug clearance. Don't adjust the spark plug clearance. If the clearance exceeds the standard, with a new spark plug replacement .

Spark plug clearance standard: 0.65mm

Installation: use hand screw the spark plug to cylinder head, and then screw the spark plug to the specified torque. Torque: 22N.m

Eleventh: Radiator coolant

Check the coolant level before start the engine or after the engine flameout 5 minutes, if can't see the liquid surface, please add the recommended coolant;

Remove the cover, add the mixed liquid which mixed with distilled water and antifreeze 1:1, the distance from liquid surface to cover is 5-10mm, then install the radiator cover .

Recommended antifreeze: coolant liquid or the same quality ethylene glycol antifreeze containing silicate preservatives .

Twelfth: Cooling system

Disassemble fuel tank and radiator fan blades, and check the radiator fan blades, if those are blocked or damaged; Make the bending fan blades straight, use compressed air or low water pressure to get rid of small insects, mud or blockages, if the air circulation restricted radiating over 20%, should replace the radiator. (See Figure 12-1)

Check the radiator pipe, if it gets fissure or ageing, if necessary, with a new radiator replacement;

Check all of the water pipes, clamps and hoops tightness. (See the

Figure 12-2)

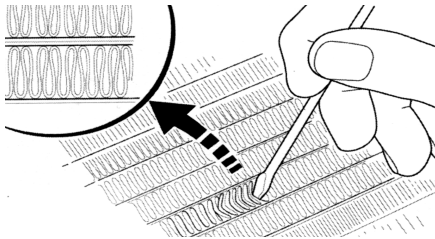


Figure 12-1

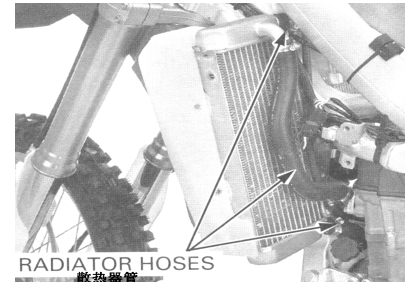


Figure12-2

Thirteenth: Valves clearance

Check valves clearance

Disassemble cylinder head cover; check and adjust the valve clearance after the engine is cooled;

Disassemble crankcase cover and O-ring. (See the Figure 13-1)

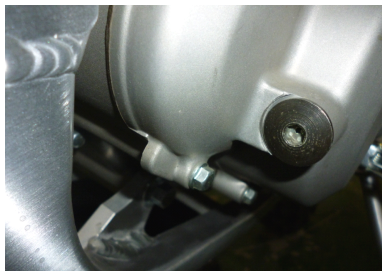


Figure 13-1

Rotating the magnator mark on clockwise direction to make it with the left crankcase cover scale mark on the same line, ensure the piston on the compression stroke top dead center.

Otherwise, rotating the crankshaft one whole circle on the clockwise direction, and make the magnator mark with the left crankcase cover scale mark on the same line again ;

Check the cam sprocket indicatrix, make it with the camshaft bracket “__” mark on the same line (Figure13-2)



Figure 13-2

Intake side:

Put the feeler gauge between the rocker arm stud and valve, measure the intake side valve clearance

Intake valve clearance : 0.03mm (Figure 13-3)

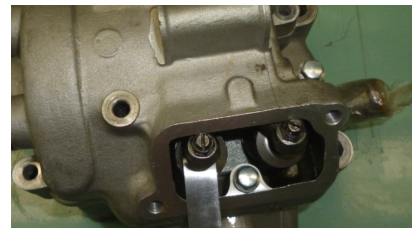


Figure13-3

Exhaust valve side:

Put the feeler gauge between the rocker arm stud and valve, measure the exhaust side valve clearance

Exhaust valve clearance: 0.05mm (Figure13-4)

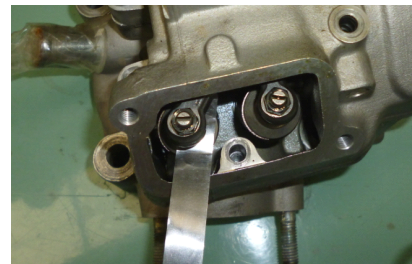


Figure 13-4

Rotating the crankshaft a few times on the clockwise direction, make the crankshaft to piston compression top dead center, check the valve clearance .

Put the O-Ring on the crankshaft timing screw with oil(check the O-Ring, if necessary with a new O-Ring replacement),

Put the grease on Crankshaft hole cap thread .

Install the crankshaft hole cap and screw it to the special torque.

Torque: 15N.m

Fourteenth: Engine oil / oil filter

Oil surface inspection

Starting engine idling 3 minutes, waiting 3 minutes after the engine flameout .

Put the motorcycle vertical support in the horizontal plane, if the oil horizontal plane is low or close to the low level of the oil ruler line, through the filling hole add the recommended engine oil to a third above the horizontal line. (Figure14-1)



Figure14-1

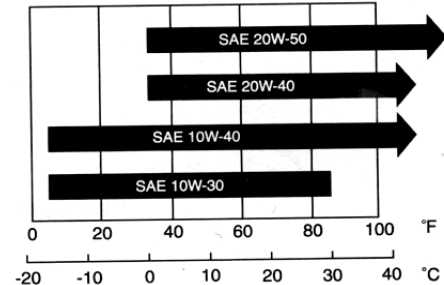


Figure14-2

Recommended engine oil: API SJ

4-stroke oil containing the molybdenum additives or the similar higher-lever engine oil

JASO T 903 Standard: MA or MB

Viscosity: SAE 10W-40

Fuel capacity: 1.6L (Figure14-2)

Engine oil and oil filter replacement

Remove the engine cover,

Starting engine idling 3 minutes,

Waiting 3 minutes after engine flameout.

put motorcycle vertical support in the horizontal plane,

Stop the engine,

Remove the oil nut off (Figure 14-3)

Motorcycle on a level surface to ensure complete drainage clean.

Put an oil pan under the engine to access oil,

Remove the engine oil drain bolt and aluminum gasket,

Drop the engine oil completely (Figure 14-4)

After close the engine stop switch,

Kick the engine start lever 5 times or more times.



Figure14-3



Figure14-4

This method can drop the engine oil completely
Remove the bolts, oil filter cover and O-Ring(Figure 14-5)



Figure 14-5

Remove the oil filter (Figure14-6),



Figure14-6

Install the engine oil drain screw, use the special Torque 20N.m to tightening the engine drain bolt (Figure 14-3) .

Notes: If install the oil filter anti-direction,it will seriously damage the engine,

Grease engine oil on the new O-Ring,

Put it on the oil filter cover,

Install the oil filter cover

Tightening the bolt.

Put the recommended machine oil enter engine :

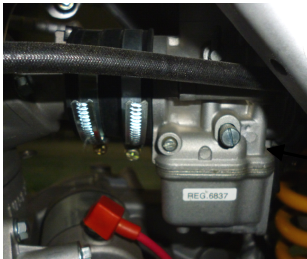
Re-check the engine oil level(See Figure 14-1) ensure there is no leakage.

Fifteenth: Engine idle speed

Preheat the engine 10 minutes after use the correct method to check and adjust the idle speed,put the gear in neutral, righting the vehicle, according to the specification to install the counter,adjusting the bolt to make a suitable idling speed .

(Figure 15)

Idle speed: 1500 \pm 100rpm



Idling adjusting screw

Figure 15

Sixteenth: Drive chain

Drive chain relaxation tests

Put the vehicle on the workbench, make the rear wheel off ground .

(When engine working, please don't check and adjust drive chain)

Review the middle of the chain, measure the chain relaxation on this. (See Figure 16)

Chain relaxation: 25-35mm

Notes: If chain relaxed too much, 50mm or more, it will damage chassis.

Chain type: 520 chain

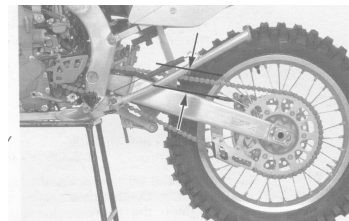


Figure 16

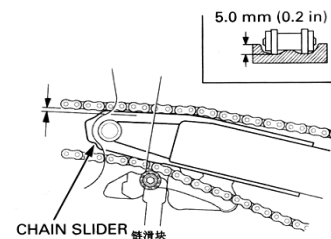


Figure17-1

Seventeenth: Drive chain slider

Chain slider

Check the drive chain slider, to see if it's abraded.(Figure 17-1)

Maintenance limited: 5.0mm from the top surface

Notes:

If chain slider was abraded, the chain will abrade rocker, destroy the chain and rocker.

Check the chain guide and slider, to see if these are rank well ,
abrade or damaged.

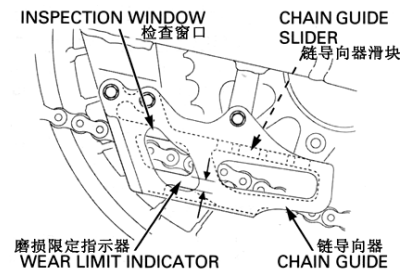


Figure17-2

(Figure 17-2)

If damaged or abraded, replace the chain guide.

If the slider was wear to the special wear marker bottom, replace the chain guide slider.

Eighteenth: Drive chain rotor

Remove the side frame, check the drive chain rotor, to see if it's exceeded the wear or clamping stagnation.

Maintenance limited:

The minimum outside diameter of rotor: 35mm

If need to replace the rotor, please screw the rotor bolts/nuts to the special torque.

(“→” this mark outward to install drive chain rotor) (Figure 18)

Torque: 12N.m

Nineteenth: Drive/driven sprocket

Check the drive / driven sprocket gear, to see if these were wear or damaged.

If necessary, replace it . (Figure 19)

Don't install the new drive chain on the wear sprocket.

The chain and sprocket should be in good condition, otherwise it

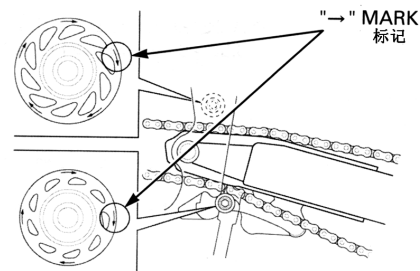


Figure18

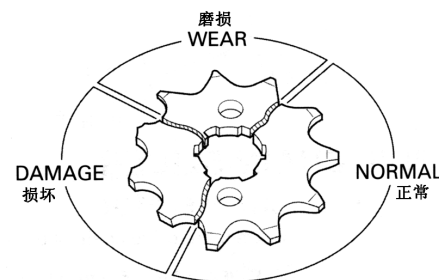


Figure19

will wear the new chain quickly.

Check the bolts and nuts on the drive and driven sprockets.

If there is any loose, tighten them.

Torque: drive sprocket bolts: 31N.m

Driven sprocket nuts: 32N.m

Twentieth: Brake fluid

Notes:

The spilling fluid will damage the color plastic or rubber parts. When repair this system, put some pieces of rag on these parts.

- Don't mix the different types fluid, because they are not compatible
- When add the brake fluid, don't allow other things enter this system.

Fluid surface inspection

When fluid surface lower, check the brake block, to see if this was wear. The brake block wear will make the fluid surface lower .

If the brake block not wear but the fluid surface lower, please check the system, to see if this system leakage.



Figure 20-1

Front brake:

Turn the hand lever to make the inspection line with the fluid level at the same line, check the front brake fluid level. (Figure 20-1)

If the fluid level is closed to the horizontal line, check the brake block, to see if this was wear.

Rear brake:

Put the motorcycle upright on the horizontal line, inspect the rear brake fluid level.

(Figure 20-2)

If the fluid level is closed to horizontal line, please check the brake block, to see if it was wear.



Figure20-2

Twenty-first: Brake block wear

Check the brake block ,to see if it was wear.

If any one brake plate was wear to the wear limited mark bottom, please replace the brake block .

Maintenance limited: 1.0mm

Twenty-second: Brake system

Front brake hand lever inspection

Loosing the locknut to roll the adjuster can adjust the front brake hand lever.

Rolling the adjuster on the clockwise direction to make the brake hand lever away from vehicle handbar;

Rolling the adjuster on anticlockwise direction to make the brake hand lever closed to the vehicle handbar.

When adjust over, screw the locknut to special torque.

(The touch surface of adjusting bolt and piston should add grease)

Torque: 5.9N.m (Figure 22-1)

If the brake hand lever free travel is exceed 20mm, the air will enter this system, it need to discharge.

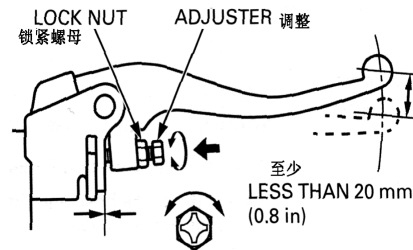


Figure 22-1

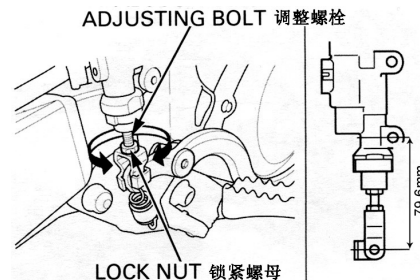


Figure22-2

Brake pedal height

Loosen the locknut and roll the pedal height to adjust bolt.

Adjust the brake pedal height to 79.6mm or what you need height.(Figure22-2)

Twenty-third: Rocker arm/ rocker arm fork

Put the support under engine, make the rear wheel off ground.

Catch the rocker arm, shaking left and right to check if there is something wrong with rocker arm bearing.

(Figure 23-1)

If bearing wear excessive, replace a new one.

Inspect rocker arm fork, replace all damage needle bearing.

It should disassemble when every time works 7.5 hours,

Clean,inspect rocker arm and rocker arm fork center bearing and all of the related sealing element.

Add lubricant and reassemble.



Figure23-1

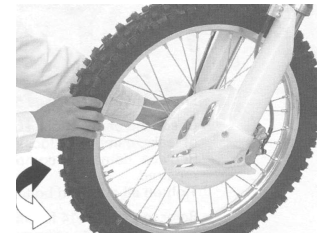


Figure24-1

Twenty-fourth: Wheels / tires

Put support under the engine,make the front wheel off ground,

Catch the bottom of front brake, shaking front wheel, check if there is something wrong with the front wheel bearing; (Figure 24-1)

Catch the rocker arm, shaking the rear wheel to check if there is something wrong with rear wheel bearing., (Figure 24-2)

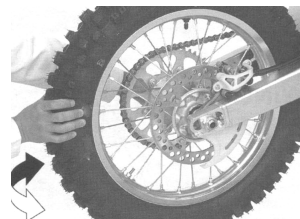


Figure24-2

Inspect wheel to see if there is split, nails or other damage,
Inspect the cold tires pressure carefully(It should be measure when tires cold)
(Figure 24-3)

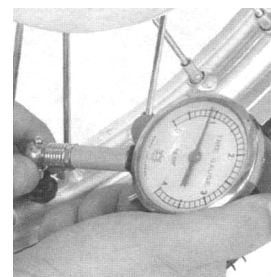


Figure24-3

Tire pressure:

Front tire: 32/2.25 (Psi/Bar)

Rear tire: 32/2.25 (Psi/Bar)

Check all of the rims and spokes, to see if there were damage
(Figure 24-4)

According to the special torque to screw all of the loose rims and
cycle valve nuts.

Torque: front wheel rim:3.68N.m

Rear wheel rim:3.7N.m

Cycle valve nut:13N.m

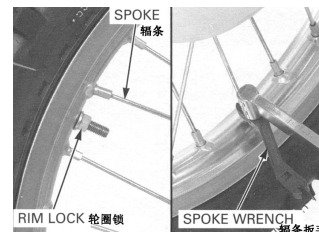


Figure 24-4

Twenty-fifth: Front tube bearing

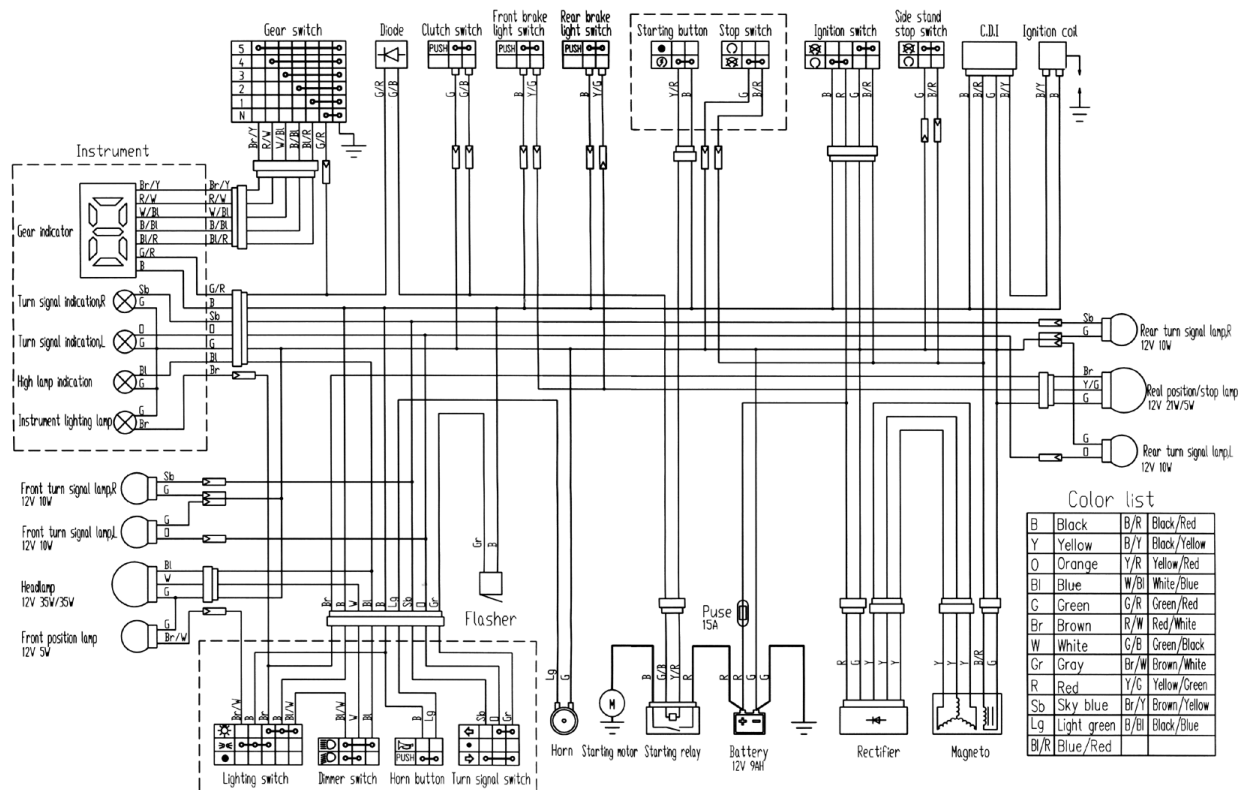
Put the support under engine, make the front wheel off ground.

Inspect the direction hand lever to see if turning left and right flexible.(Ensure the main wire harness is not interference the direction hand lever rotation)

If the direction hand lever rotate not smoothly, it has block or shaft radial pla, please check the front tube bearing.

If the activity clearance too large, please check the direction column nut, if the nut loose or there is a crack on the front tube.

3. Electrical element diagram



4、 Maintenance Warranty instruction

Dear user:

Thanks for using our vehicle NC250 type, in order to protect your benefits, please read this manual instruction and according to it to use.

After-sale service

- 一、 Because of this vehicle NC250 special performance, from the purchase date, it will be free to repair or replace the bad quality parts.
- 二、 Specific to this product using performance, the main quick-wear parts are not include to the maintenance range, the detail quick-wear parts information as follows: out/inner tires、 spoke、 chain、 chain upper/down slider、 wire roll pull、 hand lever grip、 lights、 plastic parts、 air filter、 oil tube、 water tube、 clutch、 fuel filter、 spark plug、 piston、 piston ring、 piston pin、 cylinder body and one set of engine gaskets etc.

Quality guarantee description

- 一、 Cause of the non-normal operate to result fault is not include quality guarantee, if the fault need repair, the company or authorized service station will take a suitable parts charge.

二、 User should comply with this manual to maintain 、 replace the quick-wear parts on schedule, if don't do like this, all of the damage will not include the free after-sale service; User should on schedule to maintain and the service station should record the maintainace report actually, if don't have this report, it's not suit to the warranty condition.

SHANDONG ASIAWING MOTORS CO., LTD

Address: Taian City, Shandong Province

PC: 271000

Tel: 0538-6366706/6366708

Fax: 0538-6366702

Packing list

NO.	Name	Quantity	Remarks
1	Handbar	1 Set	
2	Front wheel assy	1 Set	
3	Packing list detail:		
(1)	Battery	1 Piece	
(2)	Battery cable tie	1 Piece	
(3)	Headlamp assy	1 Set	
(4)	Headlamp install bolts	1 Set	
(5)	Rear lamp assy	1 Set	
(6)	Front brake shield	1 Pair	
(7)	Front brake shield install bolts	1 Set	
(8)	Tank cover (Left/Right)	1 Set	
(9)	Rear cover (Left/Right)	1 Set	
(10)	Appearance parts install bolts	1 Set	
(11)	Tool: Spark plug sleeve	1 Pcs	
(12)	Sticker	1 Set	
(13)	Instruction book	1 book	

This packing list page printed separated.