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CF250T-6A Service Manual

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FORWARD

This manual introduces JETMAX (CF250T-6A) maintenance information, disassembly procedure, check & adjustment methods, troubleshooting and technical specifications. There are illustrations, drawing to guide your operations.

Chapter 1 mainly introduces general operation information, tools, vehicle structure and basic specifications.

Chapter 2 mainly introduces check & adjustment methods and how to do vehicle maintenance.

Chapter 3 mainly introduces disassembly, installation, adjustment, maintenance and troubleshooting information.

CFMOTO reserves right to make improvements and modifications to the products without prior notice. Overhaul and maintenance should be done according to actual condition of vehicle.

Zhejiang CFMOTO Power Co., Ltd.

Dec. 2010

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Conversion table

Item	Example	Unit
Pressure	200 kPa = 2.00kgf/cm ² 33kPa (250mmHg)	1kgf/cm ² =98.0665kPa 1kPa=1000Pa 1mmHg=133.322Pa=0.133322kPa
Torque	18N.m(1.8kgf.m)	1kgf.m=9.80665N.m
Volume	419ml	1ml=1cm ³ =1cc 1l=1000cm ³
Force	12N=1.2kgf	1kgf=9.80665N

1 Maintenance information

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Cautions for Operation

Safety Cautions

Warning: Hazardous components in exhaust. Do not run the engine in a enclosed or poorly ventilated place for long time.



Warning: Do not touch the engine or muffler with bare hands when the engine has just stopped to avoid scalding. Wear long-sleeve work clothes



Caution: Battery liquid(dilute sulfuric acid) is highly caustic and may cause burns to skin and eyes. Flush with water if splashed to skin and get immediate medical attention. Flush with water if splashed to clothes to avoid burns. Keep battery and liquid away from reach of children.

Warning: Coolant is poisonous. Do not drink or splash to skin, eyes or clothes. Flush with plenty of soap water if splashed to skin. Flush with water and consult the doctor. If drinking the coolant, induce vomiting and consult doctor. Keep coolant away from reach of children.



Caution: Wear proper work clothes, cap and boots. If necessary, wear dust-glass, gloves and mask if necessary.

Warning: Gasoline is highly flammable. No smoking or fire. Also keep against sparks. Vaporized gasoline is also explosive. Operate in a well-ventilated place.



Caution: When charged, Battery may generate hydrogen which is explosive. Charge the battery in a well-ventilated place.

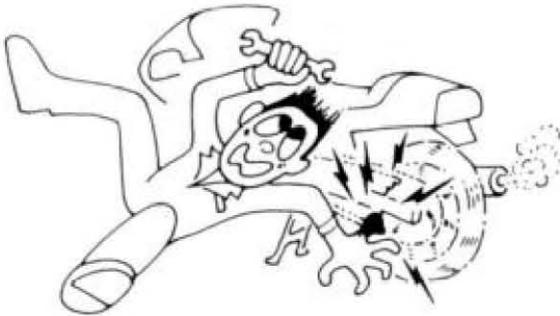


Warning: The asbestos dust on the brake drum is carcinogenic is breathed in. Do not clean off the dust with compressed air. Use cleaning detergent to avoid dust proliferation.



Warning: Be careful not to get clamped by the turning parts like wheels and clutch.

Warning: When more than two people are operating, keep reminding each other for safety

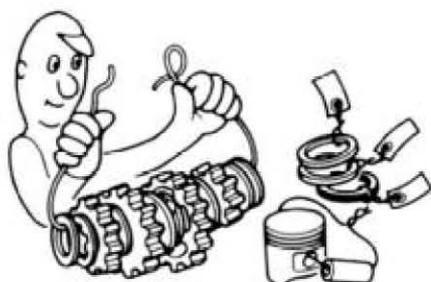


Cautions for Disassembling and Assembling

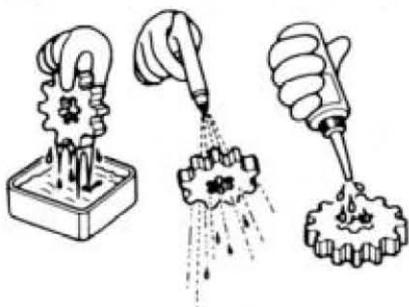
- Use genuine CFMOTO parts, lubricants and grease.



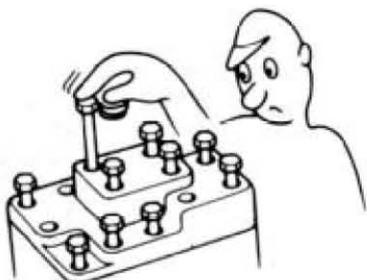
- Place and store the disassembled parts separately in order for correct assemble.



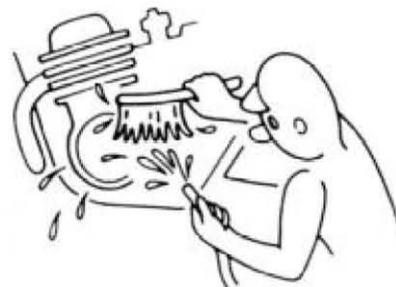
- Clean and blow off the detergent after disassembling the parts. Apply lubricants on the surface of moving parts.



- If not knowing the length of screws, install the screws one by one and tighten with same torque.

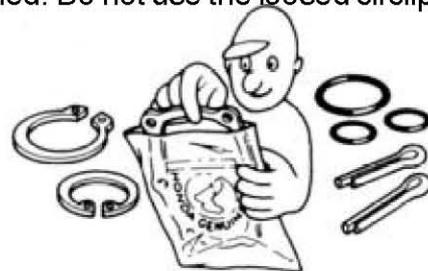


- Clean the mud, dust before overhauling.



- Replace the disassembled washers, o-rings, piston pin circlip, cotter pin with new ones.

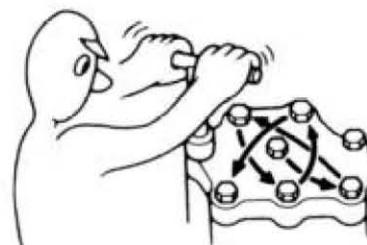
- Elastic circlips might get distorted after disassembled. Do not use the loosed circlips.



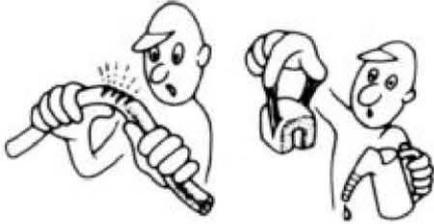
- Measure the data during disassembly for correct assembling.



- Pre-tighten the bolts, nuts and screws, then tighten according to the specified torque, from big to small and from inner side to outer side.



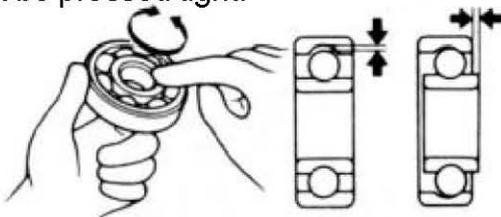
■ Check if the disassembled rubber parts are aged and replace if necessary. Keep the rubber parts away from grease.



■ Use special tools wherever necessary.



■ Turn the ball bearing with hands to make sure the bearing will turn smoothly.
 .Replace if the axial or radial play is too big.
 .If the surface is uneven, clean with oil and replace if the cleaning does not help.
 .When pressing the bearing into the machine or to the shaft, replace the bearing if it could not be pressed tight.



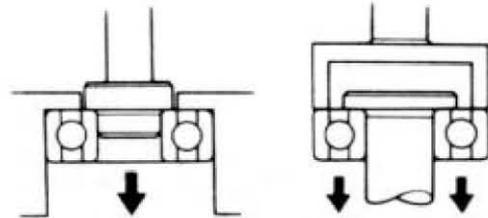
■ Keep the bearing block still when blowing dry the bearing after washing clean. Apply oil or lubricant before assembling.



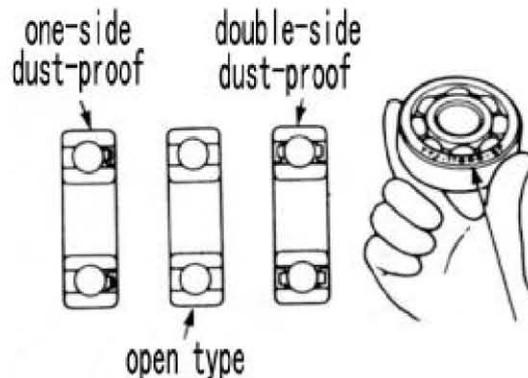
■ Apply or inject recommended lubricant to the specified parts.



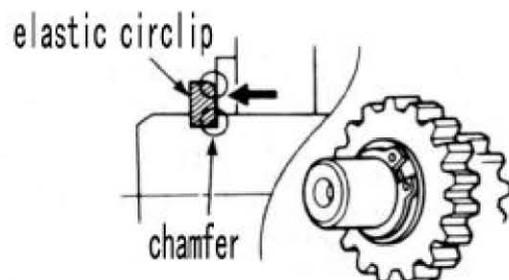
■ If the disassembling of pressed ball bearings is done by pressing the balls, the disassembled should not be used again.



■ Install the one-side dust-proof bearing in the right direction. When assembling the open type or double-side dustproof bearing, install with manufacturer's mark outward.

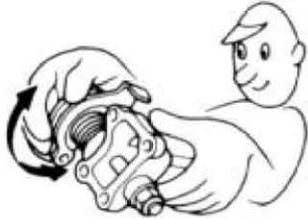


■ Install the elastic circlip properly. Turn the circlip after assembling to make sure it has been installed into the slot.

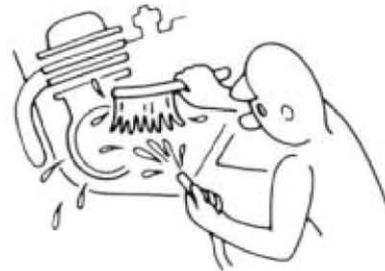


1 Maintenance information

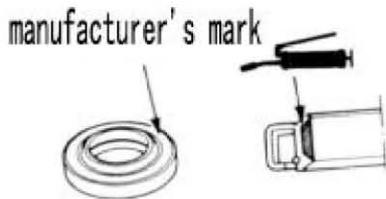
■ After assembling, check if all the tightened parts are properly tightened and can move smoothly.



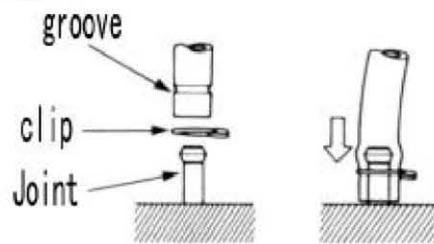
■ Brake fluid and coolant may damage coating, plastic and rubber parts. Flush these parts with water if splashed.



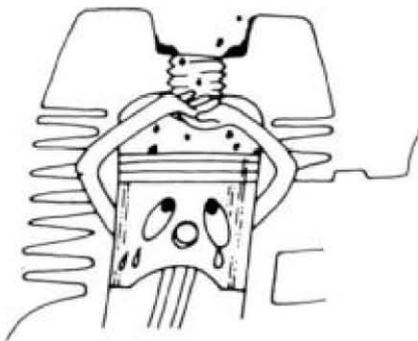
■ Install oil seal with the side of manufacturer's mark outward.,do not fold or scratch the oil seal lip.apply grease to the oil seal lip before assembling.



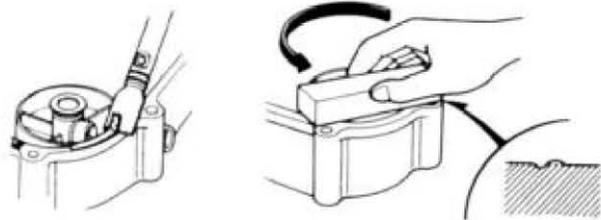
■When installing pipes, insert the pipe till the end. Fit the pipe clip, if any, into the groove. Replace the pipes or hoses that cannot be tightened.



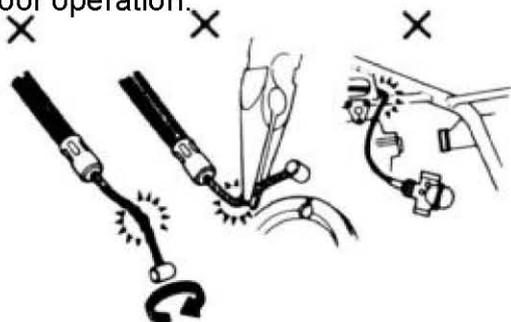
■Do not mix mud or dust into engine or the hydraulic brake system.



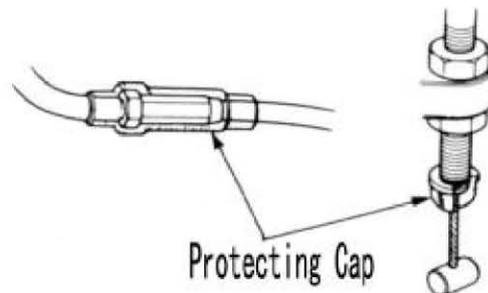
■Clean the gaskets and washers of the engine cases before assembling. Remove the scratches on the contact surfaces by polishing evenly with an oilstone.



■Do not twist or bend the cables too much. Distorted or damaged cables may cause poor operation.



■When assembling the parts of protection caps, insert the caps to the grooves, if any.

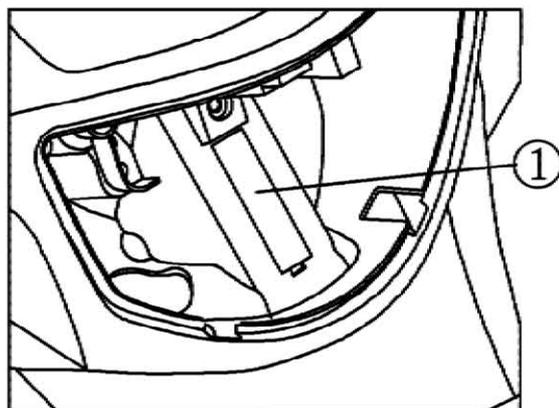
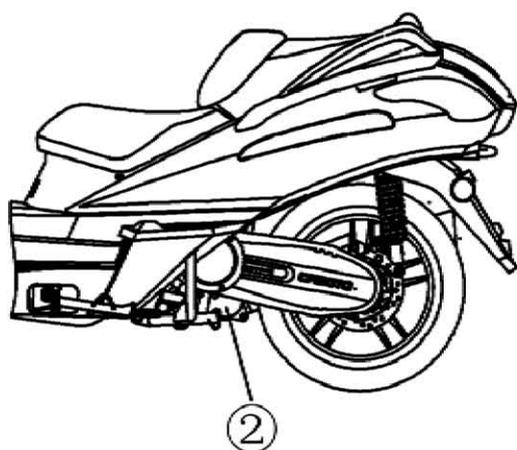
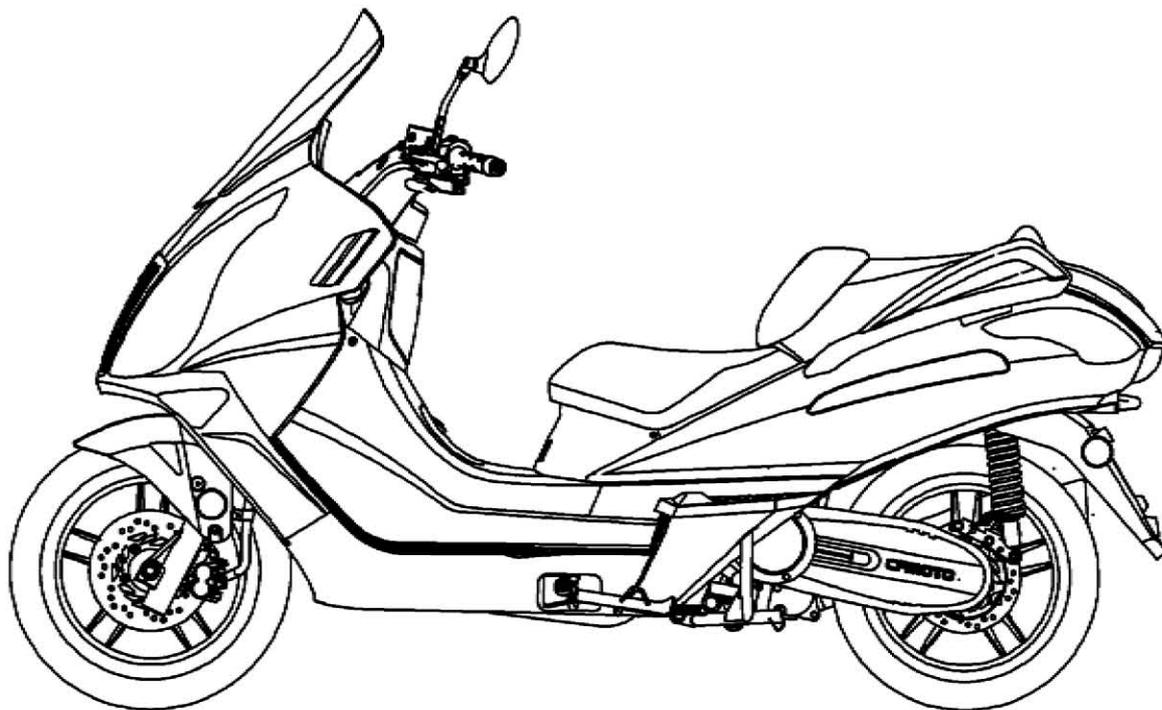


Numbers Marking Location

CF250T-6A

VIN Number ①: LCETDNP6~

Engine Number ②: 1P72MM-A~



1 Maintenance information

Main Specifications

Item		Specifications		
Vehicle model		CF250T-6A		
Length		2259mm		
Width		798mm		
Height		1366mm		
Wheel base		1590mm		
Engine model		1P72MM-A		
Displacement		249.2ml		
Fuel grade		93# and above		
Gross weight		200kg		
Persons		2 (including passenger)		
Load		150kg		
Tire	Front	120/70-15M/C		
	Rear	140/60-14M/C		
Min. ground clearance		125mm		
Engine	Starting		Electric starting	
	Engine type		Single cylinder, 4-stroke, Liquid-cooled, 4-valves, SOHC	
	Cylinder		Single and horizontal	
	Combustion chamber type		Pentroof type	
	Valve drive type		SOHC Chain drive	
	Bore × Stroke		72 × 61.2mm	
	Compression ratio		10.5 : 1	
	Max. power/RPM		17kW/8000r/min	
	Max. torque/RPM		23N · m/6500r/min	
	Valves	IN.	Open	0° (1mm)BTDC
			Close	30° (1mm)ABDC
		EX.	Open	35° (1mm)BTDC
			Close	0° (1mm)TDC
	Lubricant type		Pressure and splash	
	Oil pump		Rotor drive	
Air filter		full-flow and paper filter element		
Cooling type		Liquid-cooled		

Item		Specifications	
Air intake system	Air filter type	Sponge filter	
	Throttle body	Part Code	01AA-173000
		Diameter	29mm
	Air by-pass valve	Part Code	0060-172000
Air temp. sensor	Part Code	0060-177000	
Transmission	Clutch	Type	Wet clutch
		Belt	V-teeth belt
		Operation	Centrifigual
	Primary reduction ratio	Reduction ratio	2.59~0.811
Final reduction ratio	Reduction ratio	8.367 (40/14X41/14)	
Steering device	Steering angle	Right	41°
		Left	41°
Brake system	Front	Disc	
	Left	Disc	
Suspension	Front	telescopic	
	Rear	Damping spring	
Frame		Steel tube	

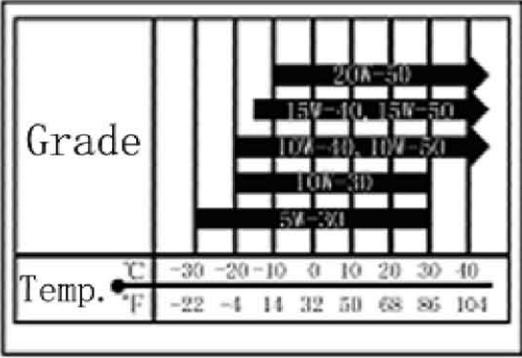
Coolant system

Item		Standard
Coolant	Full capacity	2.10l
	Capacity of reservoir tank	0.30l
	Standard density	50%
Opening pressure of coolant filler cap		108kPa (1.05kgf/cm ²)
Thermostat	Initial open temp.	71±3℃
	Fully open temp.	88℃
	Travel when fully open	When 95℃, 3.5–4.5mm
Resistance and temp. data	Temp. (℃)	Resistance (Ω)
	50	154±16
	80	52±4
	100	27±3
	120	16±2
Working temp. of cooling fan	OFF-OPEN	Around 88℃
	OPEN-OFF	Around 82℃
Coolant type	-35℃ Anti-freezing, anti-corrosive and high boiling point	

1 Maintenance information

1

Lubricant system

Item		Standard	Limit
Recommended oil		<ul style="list-style-type: none"> • Special oil only for 4-stroke motorcycle SAE-10W-40、20W-50 If alternative oil used, please select within following grade • API: SE or SF • SAE : Choose according to left drawing based on temperature. 	
			
Rotor of oil pump	Gap between inner rotor and outer rotor	0.07~0.15mm	
	Gap between oil pump body	0.06~0.16mm	0.20mm
	Oil pressure	0.6-4.0(bar)	
Oil change	Volume change	1400ml	
	Change oil filter	1450ml	
	Engine big overhaul	1500ml	

Fuel system

Item		Standard
Fuel device	Fuel Capacity	Full:12.5/
	Injector	Type: Valeo: 01F025
	Fuel pump	Voltage: DC13.5V
		Pressure:0.25±0.1MPa
		Flow rate:≥35L/h
		Current:≤2.50A
		Safety pressure:0.5~0.6Mpa
Idle speed	1700±100r/min	

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Maintenance data

Distribution device+ cylinder head(mm)

Item	Standard value		Limit value	Remark
Valve tip diameter	in	26.0	—	
	out	23.0	—	
Valve clearance(cold condition)	in	0.05-0.70	—	
	out	0.15-0.17	—	
Valve guide and valve stem fit clearance	in	0.010-0.037	—	
	out	0.030-0.057	—	
Valve guide ID	In & out	5.000-5.012	—	
Valve stem O.D.	in	4.975-4.990	—	
	out	4.955-4.970	—	
Valve stem bounce	In & out	0.03	0.05	
Valve stem tip length	In & out	4.5-4.7	4.0	
Valve tip thickness	In & out	1.0	0.5	
Valve tips ealing strip bounce	In & out	0.03	0.05	
Valve seat sealing strip width	In & out	1.6-1.8	—	
Valve spring free length	In & out	40.5	39.3	
Valve spring force	In & out	compress to 34.5mm spring force 143.5-158.5N	—	
Cam lift	in	30.285	—	
	out	29.209	—	
Camshaft O.D. and hole fit clearance	φ37	0.037-0.075	—	
	φ20	0.037-0.075	—	
Camshaft O.D.	φ37	36.950-36.975	36.940	
	φ20	19.959-19.980	19.950	
Camshaft mating hole ID	φ37	37.012-37.025	—	
	φ20	20.012-20.025	—	
Camshaft bounce		0.012	—	
Rocker arm hole ID	In & out	12.000-12.018	—	
Rockshaft O.D.	In & out	11.973-11.984	—	
Cylinder head joint surface flatness		0.03	0.05	

1 Maintenance information

1

Cylinder+piston+piston ring+crank connecting rod(mm)

Item	Standard value		Limit value	Remark
Cylinder pressure	1000kPa		————	
Piston and cylinder fit clearance	0.030-0.050		————	
Piston skirt diameter	71.960-71.980 Measure apart from skirt end 10mm		————	
Cylinder O.D.	72.000-72.019		————	
Cylinder joint surface flatness	0.020		————	
Piston ring free gap	1ring	R About 8.5	————	
	2rings	R About 10	————	
Piston ring closed space	1ring	0.15-0.30	————	
	2rings	0.15-0.25	————	
Piston ring groove fit clearance	1ring	0.015-0.050	————	
	2rings	0.015-0.050	————	
Piston ring thickness	1ring	0.97-0.99	————	
	2rings	0.97-0.99	————	
Piston ring groove width	1ring	1.005-1.02	————	
	2rings	1.005-1.02	————	
	Oil ring	2.505-2.52	————	
Piston pin hole ID	17.002-17.008		————	
Piston pin O.D.	16.994-17.000		————	
Rod small end inside diameter	17.006-17.024		————	
Rod big end backlash	0.20-0.45		————	
Rod big end thickness	17.95-18.00		————	
Crankshaft bounce	0.03		————	

Clutch+ transmission (mm)

Item	Standard value	Limit value	Remark
Clutch friction disc inside diameter	116.00-116.15	————	
Clutch combination rotate speed		————	
Clutch dead lock rotate speed		————	
Driving belt width	22.3		
Driven plate spring free length			
Primary Sheave Assembly bore diameter	30.000-30.021		
Primary shaft bush outside diameter	29.967-29.980	————	
Off-center roller outside diameter	20.00-20.10	————	

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Front wheel

Item		Standard	Service limit
Front wheel	Front wheel shaft bending	—	0.2mm
	Rim run-out	Longitudal	0.8mm
		Horizontal	0.8mm
	Tire	Remaining groove	—
		Tire pressure	230kPa

Rear wheel

Item		Standard	Service limit
Rear wheel	Rim run-out	Longitudal	0.8mm
		Horizontal	0.8mm
	Tire	Remaining groove	—
		Tire pressure	280kPa

Brake system

Item		Standard	Service limit
Front brake	Travel of brake lever	10 – 20mm	—
	Brake disc thickness	4mm	3mm
Rear brake	Travel of brake lever	10 – 20mm	—
	Brake disc thickness	4mm	3mm

Fuse,lights and bulb

Item		Standard
Fuse	Main	20A
	Auxiliary	10A×2 5A×2
Lights and bulb	Headlight (Hi / Lo)	12V-35/35W
	Brake light/Tail light	12V-21/5W
	Turn light	12V-10W×4
	Dashboard light	LCD
	Turn light indicator	LED×2
	High-beam indicator	LED×1
	Parking indicator	LED×1
	Trouble indicator light	LED

1 Maintenance information

1

Air-Intake System

Item	Standard	Note
Throttle Valve	01AA-173000	
Air intake Temperature Sensor	0060-111200	
Idle Speed (r/min)	1700 r/min±100 r/min	
Air By-pass Valve	0060-172000	

Electric System

Item		Standard	Note
Spark Plug	Type	CR9EP	
	Clearance	0.8-0.9	
Spark Identity		>8mm, 1Kpa	
Resistance, Ignition Coil	Initial	0.1Ω-0.5Ω	
	Secondary	10kΩ-15 kΩ	
Resistance, AC Magneto	Pick-up	243Ω-288Ω	
Magneto, Voltage Unloaded (Cold Engine)		> 100V(AC), 5000 r/min	
Max. Output Power, Magneto		335W, 5000 r/min	
Stabilized Voltage		13.7V-14.7V, 5000 r/min	
Peak Voltage, Ignition Coil		> 220V	
Peak Voltage, Pickup Coil		> 30V	
Resistance, Starter Relay Coil		3Ω-5Ω	
Battery	Capacity		12V7Ah
	Terminal Point Voltage	Fully Charging	Terminal Point Voltage
		Insufficient Charging	
	Charging Current/time	Standard	Charging Current/time
Quick			

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Tightening Torque

Item	Torque N·m(kgf·m)	Item	Torque N·m(kgf·m)
5mm Bolt、Nut	5 (0.5)	5mm Screw	4 (0.4)
6mm Bolt、Nut	10 (1.0)	6mm Screw	9 (0.9)
8mm Bolt、Nut	22 (2.2)	6mmSH Bolt with flange,	10 (1.0)
10mm Bolt、Nut	34 (3.5)	6mm Bolt with flange、Nut	12 (1.2)
12mm Bolt、Nut	54 (5.5)	8mm Bolt with flange、Nut	26 (2.7)
		10mm Bolt with flange、Nut	39 (4.0)

Please use standard torque, if without torque value mentioned below table.

1. Lubrication oil should be created on screw thread and contact surface.
2. Replace when self-locking bolts disassembled.

1P72MM-A Engine Tightening Torque Table

Type	No. of Bolt & Nut	Thread Dia. (mm)	Torque N·m	Remarks
Crankcase mould assembling bolt	10	M6	10~12	
Engine oil pressure switch	1	M10×1	18~25	
Mounting bolt, Oil pump	2	M6	10~12	
Oil screen cover	1	M35	18~25	
Tension board installation threaded pin	1	M8	18~25	
Mounting bolt, Overriding clutch	3	M8	28~32	
Mounting nut, Flywheel	1	M16	100~110	
Mounting bolt, Magneto stator	3	M6	16~20	
Mounting bolt, Pick-up	2	M5	10~12	
Mounting nut, Clutch	1	M16	60	
Mounting nut, CVT drive wheel	1	M12	70	
Mounting nut, CVT driven wheel	1	M12	60	
Crankcase oil drain bolt	1	M12×1.5	25~30	
Gear case oil drain bolt	2	M10×1.25	15~20	
Water pump drain bolt	1	M6	10~12	
Stud bolt L (fit to case)	2	YM8	7~11	
Stud bolt R (fit to case)	2	YM8	7~11	
Cylinder head nut (stud bolt upper end)	4	M8	30~35	
Water temperature sensor	1	R1/8	8~10	Apply Screw Sealant
Spark plug	1		17~19	
Exhaust stud bolt	2	M8	25~30	
Timing chain holding bolt	2	M6-10.9	15~18	
Valve clearance regulate nut	4	M5×0.5	8~10	
Other unmarked bolts		M5	4.5-6	
		M6	10-12	
		M8	18-25	

Vehicle Body

Type	No. of Bolt & Nut	Thread diameter (mm)	Tightening torque N·m (kgf·m)	Remarks
Engine disassembly				
Engine suspension mounting bolt	2	12	55 (5.6)	
Engine suspension shaft nut	2	12	55 (5.6)	
Front wheel, Front suspension, Steering System				
Handlebar lock nut	1	25	68 (7.0)	
Mounting nut, Steering handle	1	10	55 (5.6)	
Front wheel axle nut	1	12	80 (8.1)	
Mounting bolt (upper), Shock absorber	4	8	40 (4.1)	
Rear wheel, Rear suspension				
Rear wheel axle nut				
Mounting bolt (upper), Shock absorber	1	16	140 (14.3)	
	2	10	55 (5.6)	
Mounting bolt (lower), Shock absorber	2	8	30 (3.1)	
Mounting bolt, Rear fork	2	10	55 (5.6)	
Brake system				
Mounting bolt, Front brake disc	5	6	12 (1.2)	
Mounting screw, Rear brake disc	5	6	12 (1.2)	
Mounting bolt, Front brake caliper	2	8	30 (3.1)	
Mounting bolt, Rear brake caliper	2	8	30 (3.1)	
Muffler				
Mounting nut (Front elbow)	2	8	26 (2.7)	
Mounting bolt (Muffler barrel)	3	10	55 (5.6)	
Oxygen Sensor	1	18	60 (6)	
Other				
Screw (Taillight/brake light comp.)	4	4.2	1.8 (0.1.8)	

1P72MM ENGINE MAINTENANCE TOOL

Measuring instrument				
Ref	Tool name	Size	Application	Remark
1	Vernier caliper	0-150mm	Measuring length, thickness	
2	Micrometer	0-25mm	Measuring rocker armshaft, valve stem, camshaft outside diameter	
3	Dial gauge	25-50mm	Measuring camshaft max lift	
4	Dial gauge	75-100mm	Measuring piston skirt size	
5	Cylinder bore diameter		Measuring cylinder inside diameter	
6	Hook type indicator	10-34mm	Measuring rockerarm inside diameter,piston pin hole,piston pin end	
7	Dial gauge	1/100	Measuring vibration value	
8	Hair ruler		Measuring planeness	
9	Proof stick		Measuring planeness, controlling valve lash	
10	Oil level ruler		Measuring carburetor fuel head	
11	Plastigauge		Measuring fit clearance	
12	Spring balance		Measuring spring force	
13	tachometer		Measuring engine speed	
14	Cylinder pressure gauge and connecting seat	0-2MPa	Measuring engine cylinder pressure	
15	Oil pressure gauge		Measuring engine oil pressure	
16	Barometre		Measuring radiator filler cap opening pressure	
17	Ohm gauge		Measuring resistance and resistance and voltage	
18	Ampgauge		Measuring current/switch on	
19	Thermometer		Measuring liquid temperature	
20	Timing light		Detect ignition timing	
21	Torque spanner	Tool set	Measuring tightening torque	
Common and supplementary tools				
22	Alcohol burner		Warming	
23	Magnetic stand		Install dial gauge	
24	Flat		Subsidiary	
25	V piece		Measuring bounce assistance	
26	Tweezer		Install valve key	
27	Circlip plier		Circlip remove and installation	
28	Long flat nose pliers		Ring washer remove and installation	
29	Strike Screwdriver		Cross screw bolt remove	
30	flared tip screwdriver			
31	Phillips screwdriver		Cross screw remove	
32	Sleeve	Tool set	Bolt ,nut remove	
33	Inner hexagon spanner			

1 Maintenance information

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Special Tools				
Ref	Tool name	Size	Application	Remark
1	Spark plug special spanner		Remove/install spark plug	
2	CVT standstill locking		Remove/install CVT driver, driven plate nut	
3	Piston pin remover		Remove piston pin	
4	Magneto rotor puller		Remove magneto rotor	
5	Valve spring compressor		Remove/install valve spring	
6	Valve grinder		Valve grinding	
7	Driven plate fixtures		Remove CVT driven plate	
8	Driven plate compressor		Remove CVT driven plate	
9	Bearing installing tool	Tool set	Install bearing and oil seal	
10	Bearing dismantle tool	Tool set	Remove bearing	
11	Oil seal dismantle tool		Remove oil seal	
12	Flywheel installation fastener tool		Remove flywheel	
13	Bearing-pad dismantle tool		Remove bearing-pad	

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Lubricant, Grease, Sealant

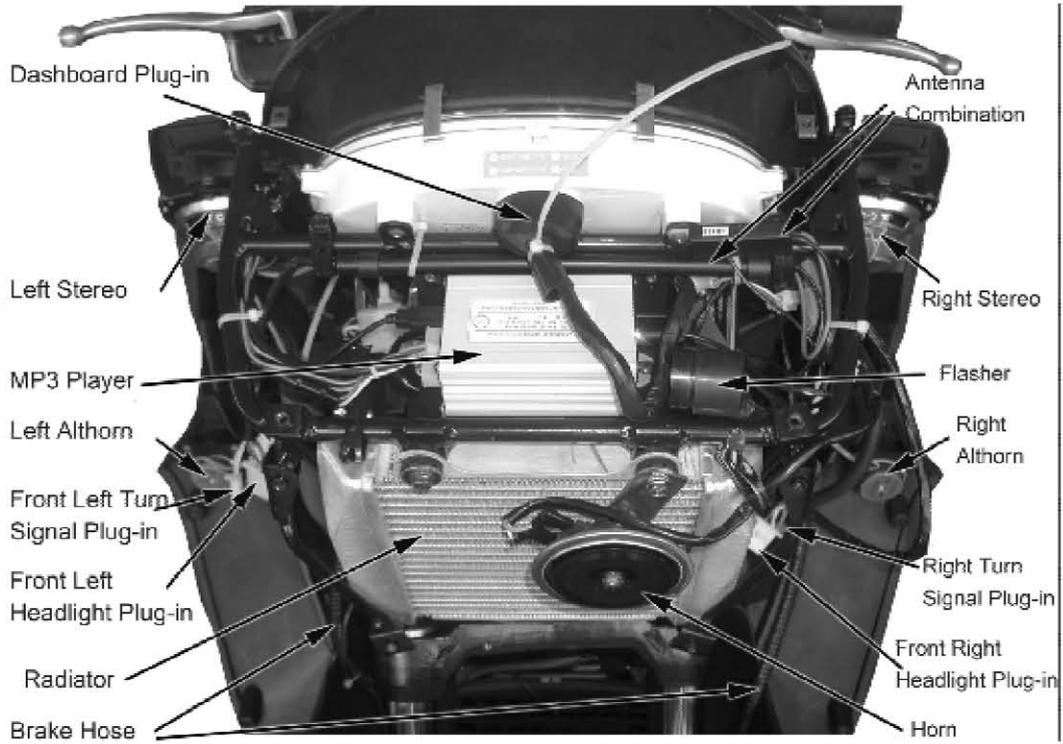
Engine operation material and install accessories

Engine operation material including lubrication(engine oil), grease(butter),coolant; install accessories including plane seal gum, screw thread lock sealant.

Name	Specification trademark	Application position	Remark
Lubricant/ engine oil	4 stroke motorcycle use SAE15W-40 Or quality grade API method or SF grade or SG grade	Cylinder inner rotating par,slipper Crankcase inner rotating part, slipper Cylinder head inner rotating part, slipper Refers to lubrication system diagram () (viscosity trademark refers to 1-3)	Capacity 1400m L (replace oil) 1450 m L (replace filter) 1500 m L (engine overhaul)
Molybdenum contained lubricant		Piston pin, valve stem, valve oil seal camshaft	
Lubricant/butte r	No.3 MoS ₂ lithium lithium base grease	Oil seal lip, o ring and other rubber sealing material sealing face, sealed shaft,CVT bearing and bush.	
Coolant	-35°C advance antifreeze,antisepticize,hig h boiling point coolant	Cooling system,water seal installation	Capacity determined by radiator pipe
Plane sealgum		Case joint surface,case and cylinder joint surface commissure,cylinder head and cylinder head cover joint surface	
Screw thread lock gum		Partial screw	

Application areas	Notes	Types
Bearing seat, motor head pipe Lip , front wheel dust-proof seal Joint, throttle cable Throttle handlebar part Pivot, rear pedal(LH) Pivot, rear pedal(RH) Pivot, side stand Oil seal lip, rear fork Gear surface and running part, counter gear/small gear Axle part, main stand		Multi-purpose lubrication oil
Lip, dust-proof seal, lower part of front shock-absorber		Absorber oil # 5
Inner surrounding, handle bar		Engine oil

Diagram of Wirings, Pipes, Cables



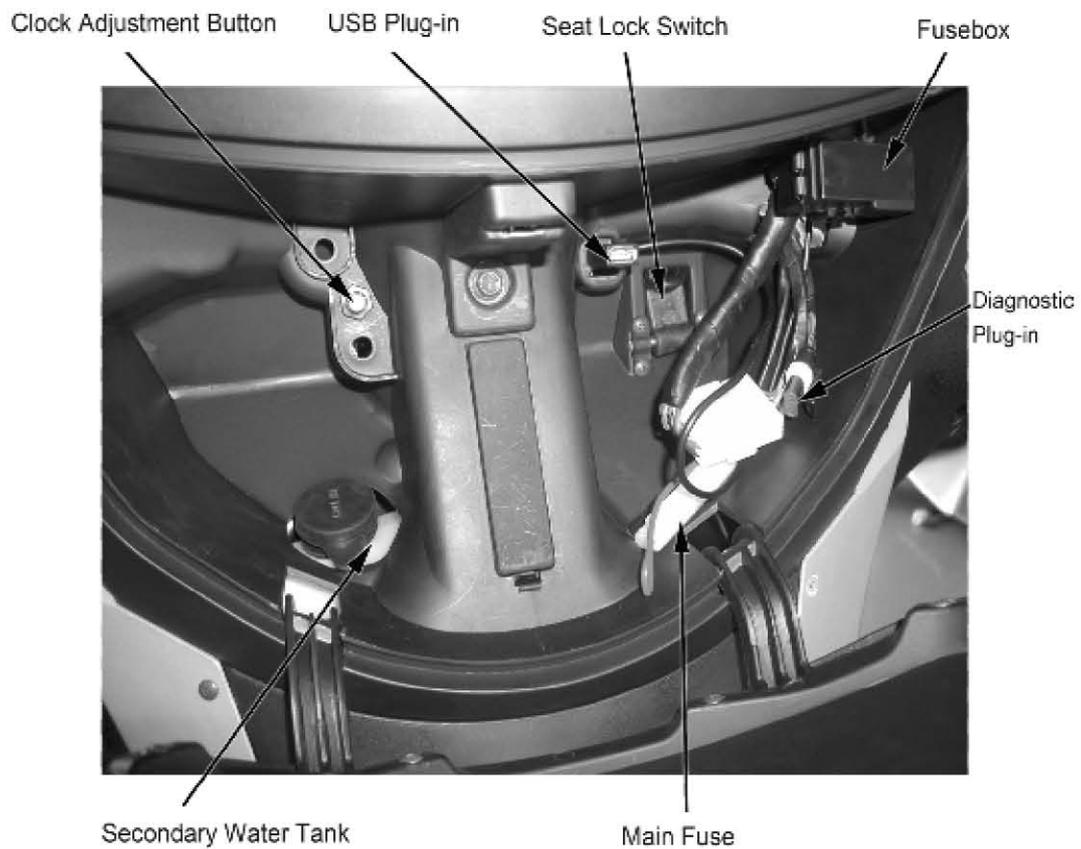
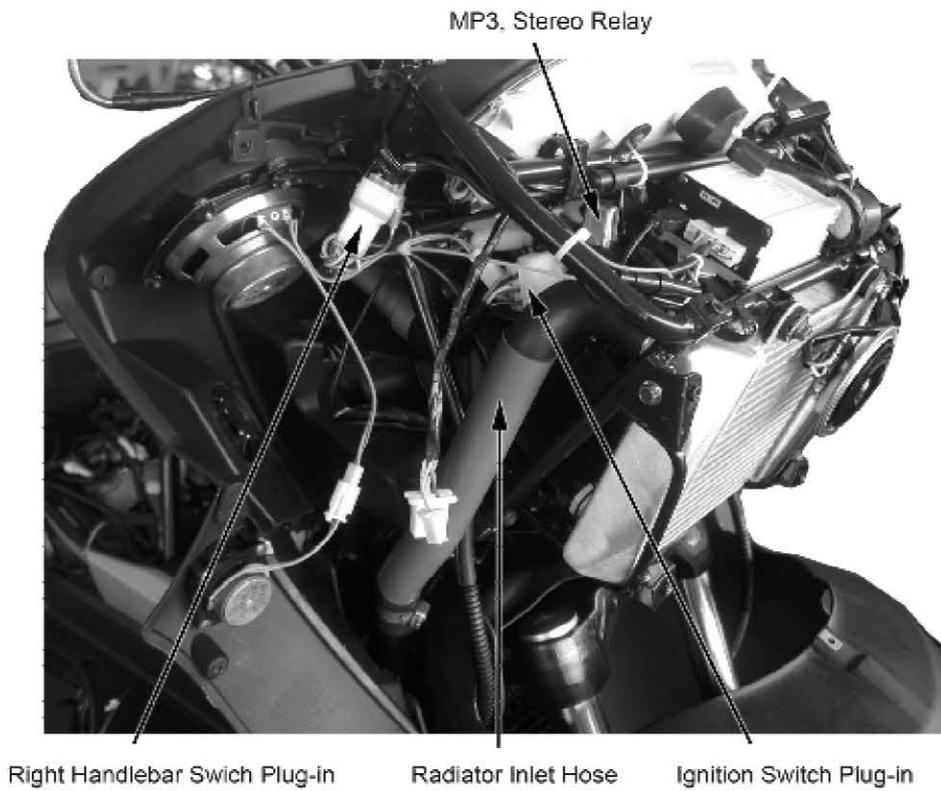
Left Handlebar Switch Plug-in

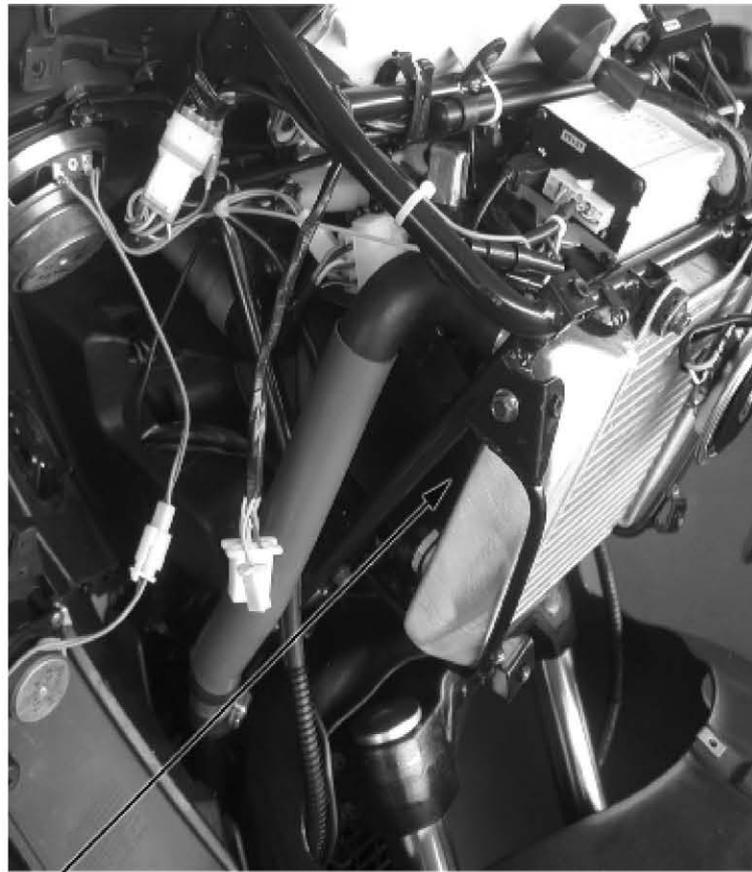


Headlight Circuit Breaker

Radiator Outlet Hose

Hazardous Signal Wiring





Radiator Fan

Rear Brake Hose MP3 Controller Plug-in Front Brake Hose

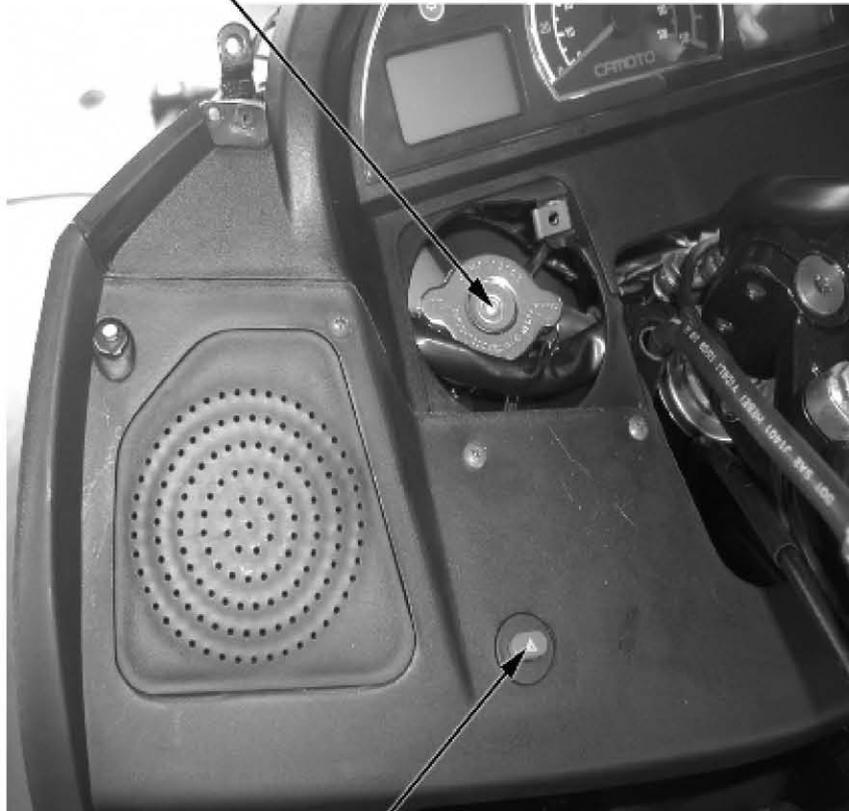


Left Handlebar Switch Wiring

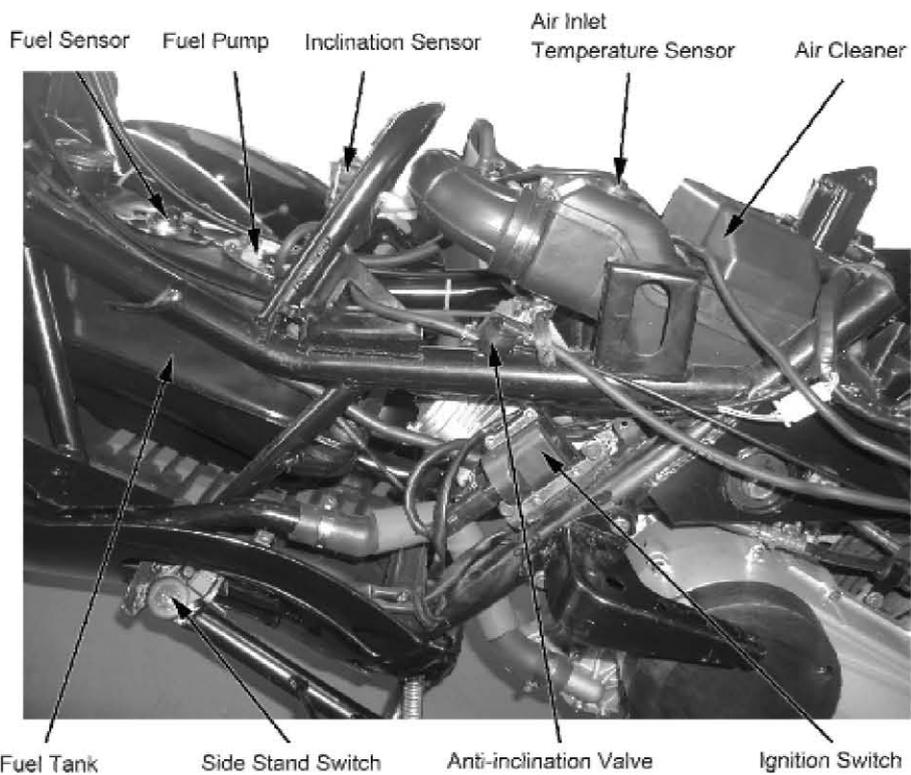
Ignition Switch Lock

Right Handlebar Switch Wiring

Water Inlet Cap

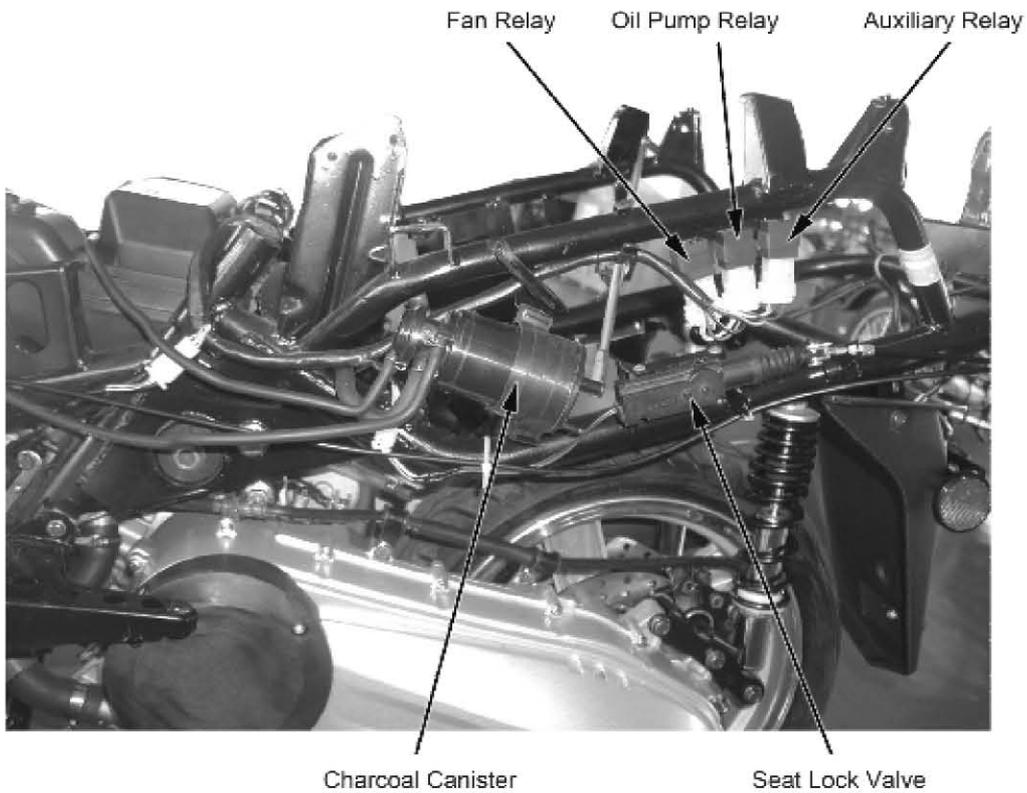


Hazardous Signal Switch



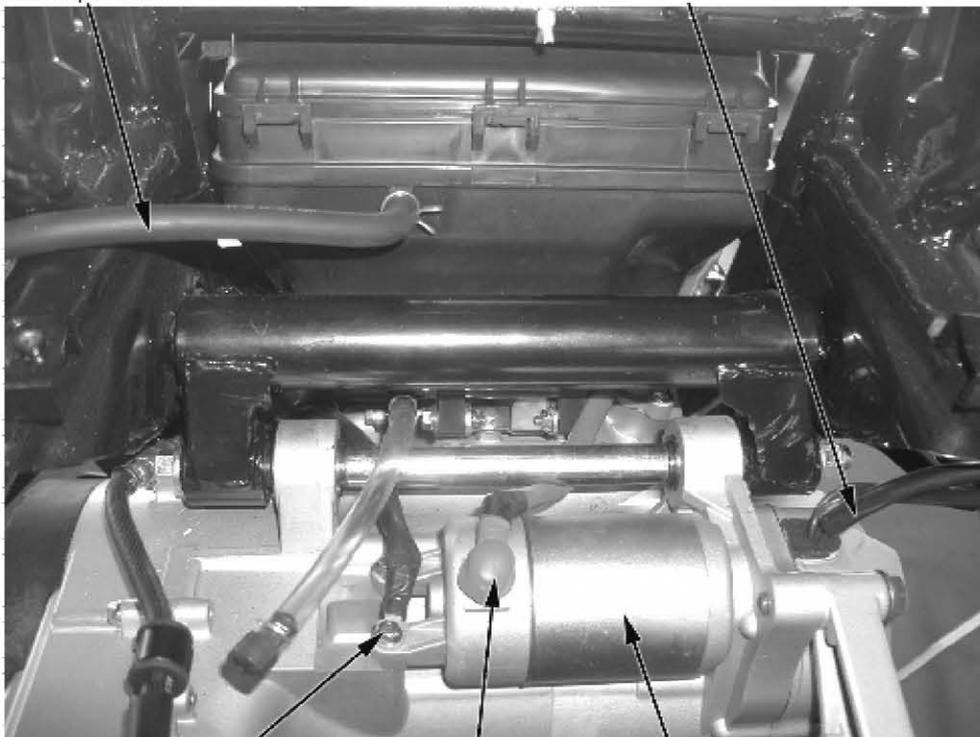
1 Maintenance information

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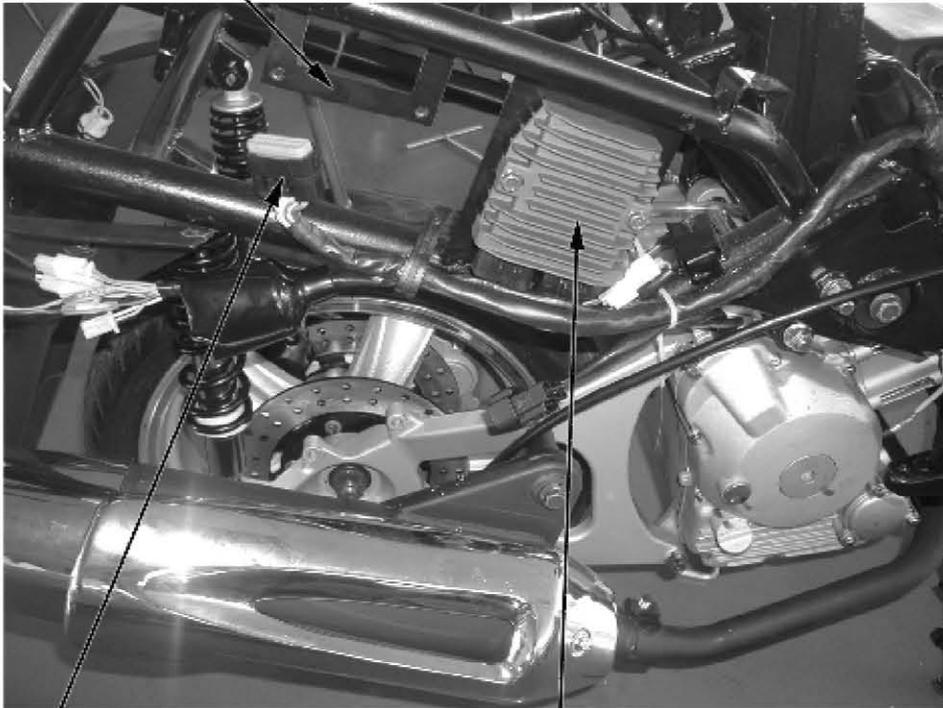
Charcoal Canister
Desorption Hose

Magneto Wiring



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ECU Install Bracket



ECU Plug-in

Regulator Rectifier

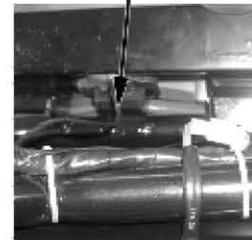


Oxygen Sensor



Battery

Battery Positive Pole

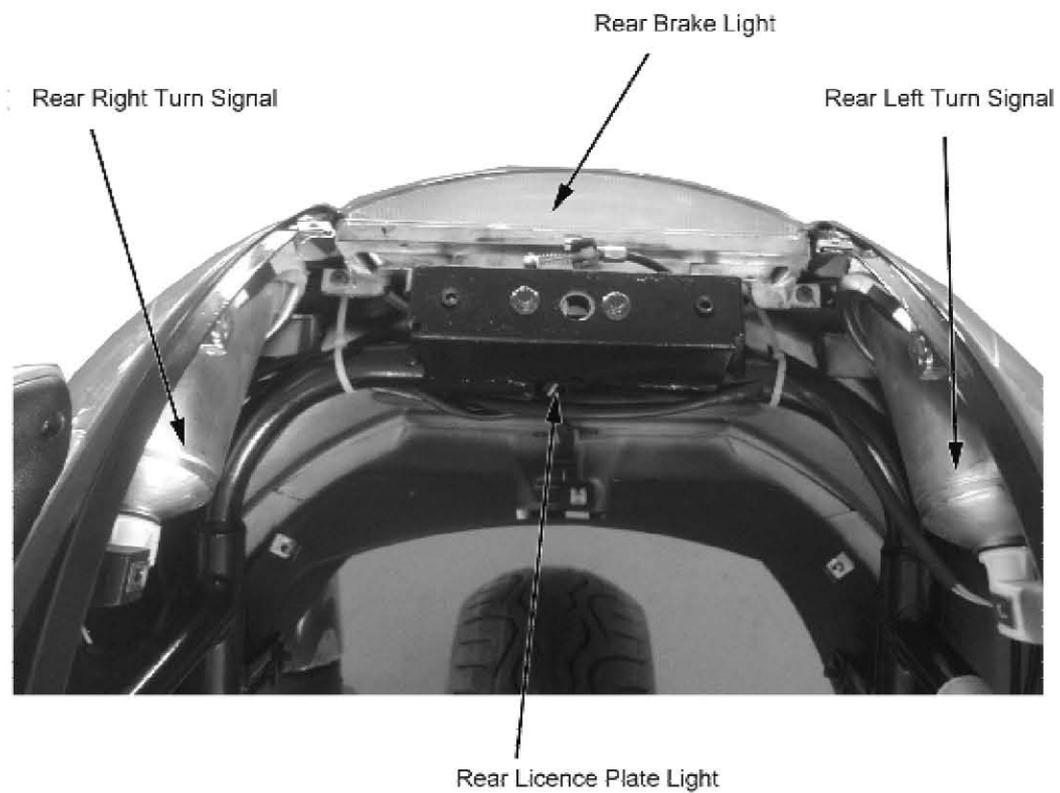
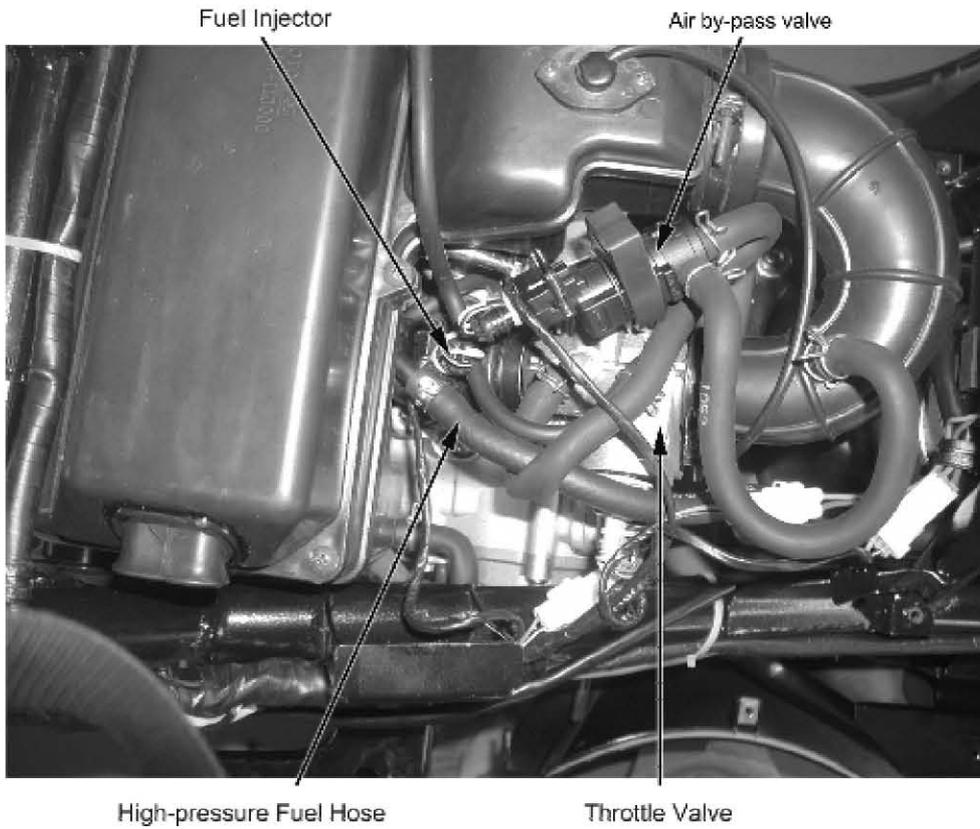


Start Relay

Battery Negative Pole

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Troubleshooting	2-1	Front,Rear and Middle Cover of Handle Bar,Odometer Top Cover.....	2-10
Driver and Passenger Seat.....	2-2	Odometer Top Cover,Front Fender.....	2-11
Trunk Cover,Trunk,Lock Socket	2-3	Footrest,Front Tool Box.....	2-12
L&R Rear handrest,Middle Protection Plate.....	2-4	Front Ventilation,Rear Light,Rear License Plate Winker,Rear Turning Light.....	2-13
L&R Footrest Kit.....	2-5	Muffler.....	2-14
L&R Ventilation,Decoration Cover of Foot Step.....	2-6	Visible Parts.....	2-15
L&R Protection Plate.....	2- 7		
L&R Bolt Decoration Cover, Windscreen, Front Face...2-8			

Overhaul Info

Operation Cautions

Warning:

Gasoline is highly flammable, therefore smoke and fire are strictly forbidden in the work place. Special attention should also be paid to sparks. Gasoline may also be explosive when it is vaporized, so operation should be done in a well-ventilated place.

Muffler can't be disassembled and installed until it is fully cooled.

This chapter is on the disassembly and installation of outer parts、exhaust pipe and muffler.

Hoses and cables should be routed properly as per the wiring drawing of cable、hose and brake cable.

When remove and install muffler, replace the gasket with a new one.

When muffler is installed, check if there is any exhaust leakage.

Tightening torque

Tail light/brake light screw	1.8 N • m(0.18kgf • m)
Screw ,Rear turning indicator cover	1.8 N • m(0.18kgf • m)
Screw, Tail light cover	1.8 N • m(0.18kgf • m)

Trouble shooting

- High exhaust noise
- Broken muffler
- Exhaust leakage

Insufficient power

- Distorted muffler
- Exhaust leakage
- Muffler clogged