



ACH110CBF/CBT/CSF



GENERAL INFORMATION

ENGINE UNIT		Q'TY	DIA	TRQ	REMARKS
Engine hanger link		1	10	69	Self lock-nut
pivot nut	Frame side	1	10	49	Self lock-nut
	Engine side	1			

BODY PANELS		Q'TY	DIA	TRQ	REMARKS
Combination meter mounting screw		3	5	1.1	
Cooling fan cover bolt		2	6	7	
Cooling fan cover screw		2	5	0.8	

SIDE STAND		Q'TY	DIA	TRQ	REMARKS
Sidestand pivot lock nut		1	10	29	
Sidestand pivot bolt		1	10	10	

EXHAUST PIPE/MUFFLER		Q'TY	DIA	TRQ	REMARKS
Muffler mounting bolt		2	10	59	
Muffler protector bolt		2	6	10	
Exhaust pipe stud bolt		2	6	10	→3-17

FRONT WHEEL		Q'TY	DIA	TRQ	REMARKS
Front axle nut		1	12	59	Self lock-nut
Front brake disc socket bolt		4	8	42	Pre-coated (ALODINE) replace with a new one

FORK		Q'TY	DIA	TRQ	REMARKS
Bottom bridge pinch bolt		4	10	64	
Fork socket bolt		2	8	20	Apply locking agent
Fork bolt		2	20	22.5	Chuannan type

HANDLEBAR		Q'TY	DIA	TRQ	REMARKS
Handlebar post nut		1	10	59	Self lock-nut
Throttle cable adjust lock nut		1	7	3.8	
Throttle cable A and B lock nut (handlebar side)		1	10	1.5	
		1	12	1.5	

STEERING STEM		Q'TY	DIA	TRQ	REMARKS
Steering stem top thread		1	26	2.5	→3-23
Steering stem lock nut		1	26	74	→3-23

REAR WHEEL		Q'TY	DIA	TRQ	REMARKS
Rear axle nut		1	16	118	Self lock-nut

REAR SUSPENSION		Q'TY	DIA	TRQ	REMARKS
Shock absorber upper nut		1	10	24	
Shock absorber lower bolt		1	8	26	

GENERAL INFORMATION



AIR CLEANER

ITEM	Q'TY	DIA	TRQ	REMARKS
Air cleaner housing cover screw	6	5	1.1	

THROTTLE BODY

ITEM	Q'TY	DIA	TRQ	REMARKS
Throttle cable nut (throttle body side)	2	8	8.5	
Throttle cable bracket mounting bolt	1	5	3.4	
Fast idle solenoid valve torx screw	2	5	3.4	

LUBRICATION SYSTEM

ITEM	Q'TY	DIA	TRQ	REMARKS
Engine oil drain bolt	1	12	24	
Oil pump plate screw	1	4	3.2	
Oil pump mounting bolt	2	6	10	
Engine oil strainer screen cap	1	30	20	

CYLINDER HEAD

ITEM	Q'TY	DIA	TRQ	REMARKS
Valve adjusting screw lock nut	2	5	10	Apply engine oil.
Cylinder head cover bolt	2	6	10	
Cam chain tensioner lifter screw	1	6	4	
Intake shroud mounting screw	2	5	0.8	
Exhaust shroud mounting bolt	1	6	7	
Cam sprocket bolt	2	5	8	Apply engine oil.
Camshaft stopper bolt	1	6	10	
Cylinder head nut	4	7	18	Apply engine oil.
Cam chain tensioner slider pivot bolt	1	6	10	
Rocker arm shaft stopper bolt	2	5	5	Apply engine oil.
Intake pipe stud bolt	2	6	-	→2-22

CYLINDER/PISTON

ITEM	Q'TY	DIA	TRQ	REMARKS
Cylinder stud bolt	4	7	-	→2-24

DRIVETRAIN

ITEM	Q'TY	DIA	TRQ	REMARKS
Left crankcase cover plate screw	5	4	3.2	
Left crankcase cover duct bolt	3	6	10	
Left crankcase cover duct screw	1	4	0.8	
Drive pulley face nut	1	14	59	Apply engine oil.
Clutch outer nut	1	12	49	
Clutch/driven pulley nut	1	28	54	

FINAL REDUCTION CASE

ITEM	Q'TY	DIA	TRQ	REMARKS
Final reduction oil drain bolt	1	8	13	
Final reduction oil check bolt	1	8	13	

ALTERNATOR/STARTER

ITEM	Q'TY	DIA	TRQ	REMARKS
Cooling fan mounting bolt	3	6	8	
Flywheel nut	1	12	69	
CKP sensor mounting special bolt	1	6	10	
Stator mounting socket bolt	3	6	10	Apply engine oil.

GENERAL INFORMATION

CBS (CBF/CBT type)

ITEM	Q'TY	DIA	TRQ	REMARKS
CBS adjuster lock nut	1	8	6.4	
Equalizer cover screw	3	5	4.2	
Equalizer rod pivot nut	1	5	4.5	Self lock-nut
Equalizer rod pivot screw	1	5	1	
Rear brake lever pivot nut	1	5	4.5	Self lock-nut
Rear brake lever pivot screw	1	5	1	

FRONT BRAKE

ITEM	Q'TY	DIA	TRQ	REMARKS
Brake master cylinder reservoir cap screw	2	4	1.5	
Brake hose oil bolt	2	10	34	
Front brake lever pivot nut	1	6	6	
Front brake lever pivot bolt	1	6	1	
Front brake light switch screw	1	4	1	
Brake pad pin	1	10	18	
Brake caliper mounting torx screw	2	8	30	Pre-coated (ALOC) replace with a new
Brake caliper bleed valve	1	8	5.4	
Brake caliper pin	1	8	18	

REAR BRAKE

ITEM	Q'TY	DIA	TRQ	REMARKS
Rear brake arm bolt	1	6	10	Pre-coated (ALOC) replace with a new

PGM-FI SYSTEM

ITEM	Q'TY	DIA	TRQ	REMARKS
EOT sensor	1	10	14.5	
O ₂ sensor	1	12	25	

IGNITION SYSTEM

ITEM	Q'TY	DIA	TRQ	REMARKS
Spark plug	1	10	16	

LIGHTING SYSTEM

ITEM	Q'TY	DIA	TRQ	REMARKS
Turn signal light mounting screw	8	4	1	
Headlight aim adjusting bolt	1	4	2	
VS sensor protector socket bolt	2	6	10	Apply locking agent

ELECTRICAL COMPONENT

ITEM	Q'TY	DIA	TRQ	REMARKS
Key shutter socket bolt	1	5	3.9	Pre-coated (ALOC) replace with a new
Sidestand switch bolt	1	6	10	Pre-coated (ALOC) replace with a new

OTHERS

ITEM	Q'TY	DIA	TRQ	REMARKS
Brake shoe anchor pin nut (When using the stake nut)	1	8	20	
Brake shoe anchor pin nut (When using the normal nut)	1	8	18	
Breather separator plate screw	3	4	3.2	