

Cylinder Head

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This diagram illustrates the exploded view of a motorcycle engine assembly, showing the relationship between various components. The parts are labeled with numbers, and some are grouped in boxes to indicate sub-assemblies. Key components include:

- Top Section:** Includes the cylinder head (11004), intake valve (12004), and various fasteners like bolts (92154, 92210B) and washers (92055, 92055A).
- Valvetrain:** Shows the intake valve (12004), valve spring (49078), and valve guide (12009).
- Piston and Crank:** The piston assembly (11008) is shown with its connecting rod (12020) and crankshaft (49118).
- Bottom Section:** Includes the oil pan (11061A), oil pump (14091), and various fasteners like bolts (92154A, 92154B) and washers (92153).
- Other Components:** Includes the timing chain (12011), timing chain sprocket (49078), and various other small parts like washers (92210A, 92210C) and pins (92043).

A "FRONT" arrow is located at the bottom left of the diagram, indicating the orientation of the engine.

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PARTS LIST

Cylinder Head

ITEM NAME	PART NUMBER	QUANTITY
GASKET-HEAD (Ref # 11004)	11004-Y001	1
HEAD-COMP-CYLINDER (Ref # 11008)	11008-Y003	1
GASKET (Ref # 11061)	11061-Y018	1
GASKET,CYLINDER HEAD COVER (Ref # 11061A)	11061-Y019	1
GASKET (Ref # 11061B)	11061-Y020	1
VALVE-INTAKE (Ref # 12004)	12004-Y001	1
VALVE-EXHAUST (Ref # 12005)	12005-Y001	1
RETAINER-VALVE SPRING (Ref # 12009)	12009-Y001	2
COLLET (Ref # 12011)	12011-Y001	4
ARM-ROCKER (Ref # 12016)	12016-Y002	2
SHAFT-ROCKER,IN (Ref # 12020)	12020-Y002	1
SHAFT-ROCKER,EX (Ref # 12020A)	12020-Y004	1
VALVE-ASSY-REED (Ref # 12021)	12021-Y001	1
HOLDER,CAMSHAFT (Ref # 13280)	13280-Y001	1
COVER,CYLINDER HEAD (Ref # 14091)	14091-Y014	1
COVER,REED VALVE (Ref # 14091A)	14091-Y015	1
SEAT-SPRING (Ref # 16007)	16007-Y011	2
PIPE-INTAKE (Ref # 16060)	16060-Y003	1
INSULATOR (Ref # 16073)	16073-Y002	1
PIPE-COMP (Ref # 31064)	31064-Y003	1
SPRING-ENGINE VALVE,OUTER (Ref # 49078)	49078-Y001	2
CAMSHAFT-COMP (Ref # 49118)	49118-Y001	1
STUD,6X32 (Ref # 92004)	92004-Y005	2
STUD,6X50 (Ref # 92004A)	92004-Y007	2
STUD,6X28 (Ref # 92004B)	92004-Y011	2
PIN,8X14 (Ref # 92043)	92043-Y006	4
RING-O,23X2.4 (Ref # 92055)	92055-Y007	1
RING-O,22X2.0 (Ref # 92055A)	92055-Y008	1
PLUG-SPARK,CR7HSA (Ref # 92070)	92070-Y002	1

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ITEM NAME	PART NUMBER	QUANTITY
SEAL (Ref # 92093)	92093-Y025	2
BOLT,FLANGE,6X85 (Ref # 92153)	92153-Y055	2
BOLT,FLANGE,6X25 (Ref # 92153A)	92153-Y065	1
BOLT,FLANGE,6X25 (Ref # 92154)	92154-Y066	2
BOLT,FLANGE,6X25 (Ref # 92154A)	92154-Y130	4
BOLT,FLANGE,6X40 (Ref # 92154B)	92154-Y131	2
SCREW (Ref # 92172)	92172-Y003	2
WASHER,7MM (Ref # 92200)	92200-Y006	4
NUT,7MM (Ref # 92210)	92210-Y003	4
NUT (Ref # 92210A)	92210-Y004	2
NUT,6MM (Ref # 92210B)	92210-Y026	2
NUT,6MM (Ref # 92210C)	92210-Y035	2