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Moriwaki Camshaft Kit - Honda VTR 1000 Firestorm

Installation of the **VTR 1000 Camshaft kit** should be carried out as detailed in the relevant workshop manual. Always use molygrease during assembly and the following points should be noted:

- 1) The camshafts supplied are designed for use either with standard pistons or the **Moriwaki VTR 1000 Piston kit** (maximum horsepower can only be extracted by using high compression pistons).
- 2) The Camshafts have the same base diameter as standard items.
- 3) The Inlet Camshaft is marked 'IN'.
- 4) The Exhaust Camshaft is marked 'EX'.
- 5) There is no difference between the two camshafts for the front and rear cylinders.
- 6) It is **essential** that the clearance between the piston and the valves is checked after assembly of the units. The minimum clearance is 0.800:1.25mm. The correct tappet clearance must be set as detailed below, and the engine turned by hand before starting.
- 7) The Cam timing details etc. are as follows :

Valve	Open	Close	Lift (mm)	Tappet Clearance
Inlet	BTDC 22	ABDC 53	10.3	0.16 ± 0.03 mm
Exhaust	BBDC 53	ATDC 16	10.1	0.31 ± 0.03 mm