Installation Information

Upon installation of your Web Cam camshaft, check the following. **These operations are very important to engine life, please follow instructions!** If your cam is described as a "*bolt-in*" in the Web Cam catalog / web site, you may skip steps 1-5 below.

1. Check piston to valve clearance. Provide the necessary clearance by removing material from the piston. Minimum clearances: Intake 0.050" - Exhaust 0.080"
2. Check valve to valve clearance. It may be necessary to remove material from the valves or sink valve seat height to head.
3. Check the valve spring retainer to valve guide clearance at maximum lift. Remove material from top of valve guide to provide a minimum of 0.030" clearance.
4. Check for valve spring coil bind at maximum valve lift. Clearance at every coil should be at least 0.015".
5. Be certain that cam and / or rocker arms rotate freely in head or block. Remove material from head, block or rocker arms where necessary.
6. Engine and cam life depend on proper installation. New or reground followers should be used when installing Web Cam profiles. Apply the provided assembly lube to cam lobe and follower surfaces.
7. For proper break-in, after installation of a new camshaft, do not allow your engine to idle below 2000 RPM for the first 30 minutes of use.

Valve Timing Information

Engine: Honda VTR 1000 (98-05) DOHC 8v

Part # PN-2610

Grind # 195/493

	INTAKE	**EXHAUST**
Valve Lash:	.006"	.012"
Valve Lift:	.416"	.415"
Duration:	275°	276°
Duration @ 0.050:	246°	252°
Lobe Center:	102°	107°

Intake Opens	21°	**Before TDC**	**Exhaust Opens**	53°	**Before BDC**
Intake Closes	45°	**After BDC**	**Exhaust Closes**	19°	**After TDC**

Valve timing is checked with zero valve lash @ 0.050 inches of valve lift.

You can find complete instructions on how to degree in your cam shaft on our website: www.webcamshafts.com