



Honda CRF 450 R SOHC 4v

Effective July 2022
Prices Subject To Change
Without Notice!

VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
.417/.316	284°/285°	261°/249°	242/921	Race profile designed for flat track. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	59-012 \$524.00
.415/.316	278°/281°	252°/243°	493/1081	Performance profile designed to increase mid and upper end. Good for TT and motocross applications. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	59-002 \$524.00
.408/.331	284°/279°	259°/243°	208/812	Performance profile designed to increase mid and upper end. Requires Exhaust System, High Compression Piston, Performance Valve Spring Kit, and Larger Diameter Followers. Check ALL clearances!	N/A	N/A	57-982 \$524.00
.408/.316	284°/285°	259°/249°	208/921	Racing profile for top end applications. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-992 \$524.00
.400/.333	268°/265°	242°/230°	1043/1044	High lift short duration profile to increase throttle response. Requires Exhaust System, and Performance Valve Spring Kit.	N/A	N/A	57-962 \$524.00
.400/.331	282°/279°	256°/243°	961/812	Performance profile designed to increase mid and upper end. Requires Exhaust System, High Compression Piston, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-972 \$524.00
Bolts				New factory OEM Bolts to use with your adjustable cam gear. See part number CG-H14. Price Per Set (2).			CB-001 \$25.00

If you wish to have a flange pressed on instead of a stock gear, please advise at the time of ordering.
The new flange will allow for you to use an adjustable cam gear see part number CG-H14.



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VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
				Cam Gear, Adjustable 36 Teeth			Adjustable gear only. For use if you already have a flange pressed on your cam. Can be used with all WEB CAM profiles for precise engine tuning. Cam bolts not included, see part CB-001. Price (Each). CG-H14 \$40.00
				Buckets, Shim Under (Supertech)	26 mm x 18 mm x 3.0 mm	Price (Each).	CF-C37 \$40.00
				Buckets, Shim Under (Supertech)	28 mm x 20 mm x 3.0 mm	Price (Each).	CF-C41 \$40.00
				Chain Tensioner, Manual			CNC machined from billet alloy to exact tolerances for perfect fit. This tensioner can not back out allowing the cam chain to jump the sprockets as the auto adjusters have been known to do. In the CRF models fits (04-14). Price (Each). CT-H08 \$75.00
				Chain Tensioner, Manual PRO Series			The PRO Series is designed for the racer who frequently adjust his engine. The easy-access socket head adjuster screw is perfect for tight spaces. The interior o-ring design ensures that repeated adjustments will not eventually flatten the o-ring against the jam nut. The PRO Series design features an internal o-ring and custom-machined adjuster bolt. The bolt is broached with a 4 mm hex. Does not fit CRF 450 R (02-03) models, or the TRX 450 ER 06, and the 10 14 models as well. Price (Each). CT-H03 \$120.00
				Valve Spring Kit With Titanium Retainers (High Rev)			Kit includes performance single springs, hardened bottoms, and titanium retainers. Recommend for Flat Track use and Hi-Rev applications. OK to .394" Valve Lift. Price Per Set (4). VC-HS9 \$275.00
				Valve Spring Kit With Titanium Retainers			Kit includes performance dual springs Titanium retainers and lower collars. OK to .440" valve lift. Price Per Set (4). VC-H73 \$210.00

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				Valve Spring Kit With Titanium Retainers (Race R/D PSI)			RACE Kit includes performance Nitrided / Mico-peened dual PSI springs, titanium retainers, and hardened bottom cups. OK to .450 valve lift. Price Per Set (4). VC-H69 \$475.00
				Valve Spring Kit With Titanium Retainers (STD PSI R/D Kit)			STD Kit includes performance dual PSI springs, titanium retainers, and hardened bottom cups. OK to .500 valve lift. Price Per Set (4). VC-H51 \$375.00
				Valves, Stainless (Kibblewhite) Intake Oversized +1 mm			Oversized to 37 mm. Price (Each). IV-H23 \$30.00
				Valves, Stainless (Kibblewhite) Intake Standard Size			Standard size 36 mm. Price (Each). IV-H22 \$32.00
				Valves, Stainless (Kibblewhite) Exhaust Oversized +1 mm			Oversized to 32 mm. Price (Each). EV-H37 \$32.00
				Valves, Stainless (Kibblewhite) Exhaust Standard Size			Standard size 31 mm. Price (Each). EV-H36 \$32.00
				Valve Guide, Shortened 0.070" Intake Standard Size			Made from special C630 Bronze material for longer wear. Standard size. Adds additional retainer to guide seal clearance. Custom sizes available +.001, +.002, +.004, +.010 Price (Each). VG-H15 \$35.00

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VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
Valve Guide, Shortened Size	0.100"	Exhaust	Standard	Made from special C630 Bronze material for longer wear. Standard size. Adds additional retainer to guide seal clearance. Custom sizes available +.001, +.002, +.004, +.010 Price (Each).			VG-H16 \$35.00

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