



Honda CRF 450 R SOHC 4v

Effective November 2020
Prices Subject To Change
Without Notice!

VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
.418/.316	284°/285°	261°/249°	242/921	Race profile designed to increase mid and upper end performance. Works good for TT or Flat Track racing. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-852 \$472.00
.415/.332	278°/279°	252°/243°	493/812	High lift short duration racing profile. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-842 \$472.00
.408/.316	284°/285°	259°/249°	208/921	Race profile. Works well for TT, Super Motard or MX. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-832 \$472.00
.400/.332	282°/279°	256°/243°	961/812	Increases mid and upper end performance. Requires Exhaust System, High Compression Piston, and Performance Valve Spring Kit.	N/A	N/A	57-822 \$472.00
.388/.343	268°/275°	244°/244°	813/746	High lift short duration profile to increase throttle response. Works great for torque applications. Requires Exhaust System, High Compression Piston, and Performance Valve Spring Kit.	N/A	N/A	57-812 \$472.00
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
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

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
				Buckets, Shim Under (Supertech) 26 mm x 18 mm x 3.0 mm Price (Each).			CF-C37 \$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 \$65.00
				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 11 models as well. Price (Each).			CT-H03 \$95.00
				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 (PM) Kit includes performance dual springs titanium retainers and lower collars. OK to .440" valve lift. Price Per Set (4).			VC-H34 \$195.00
				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 \$465.00
				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 \$340.00

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VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
Valves, Stainless (Kibblewhite) Intake	Oversized			Oversized to 37 mm. Price (Each).			IV-H23 \$30.00
Valves, Stainless (Kibblewhite) Intake	Standard			Standard size 36 mm. Price (Each).			IV-H22 \$30.00
Valves, Stainless (Kibblewhite) Exhaust	Oversized			Oversized to 31 mm. Price (Each).			EV-H23 \$30.00
Valves, Stainless (Kibblewhite) Exhaust	Oversized			Oversized to 32 mm. Price (Each).			EV-H32 \$30.00
Valves, Stainless (Kibblewhite) Exhaust	Standard			Standard size 30 mm. Price (Each).			EV-H22 \$30.00
Valve Guide, Shortened 0.070" Intake	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-H15 \$30.00
Valve Guide, Shortened 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 \$30.00

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