



Honda CRF 450 R SOHC 4v

Effective July 2021
Prices Subject To Change
Without Notice!

VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
.430/.350	292°/294°	260°/255°	415/416	The "MYSTO" cam designed for race use ONLY. Works good for big bore applications. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-072 \$472.00
.417/.342	284°/300°	261°/264°	242/921	Race profile. A WEB CAM winner! Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-192 \$472.00
.415/.408	278°/276°	252°/248°	493/739	High lift, short duration racing profile. Excellent throttle response. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A \$0.00	55-442 \$472.00
.415/.342	278°/288°	252°/252°	493/729	Performance profile designed to increase mid and upper end. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit.	N/A	N/A \$0.00	55-462 \$472.00
.408/.342	284°/300°	259°/264°	208/921	Race profile. Works well for TT, Super Motard or MX. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit.	N/A	N/A \$0.00	57-042 \$472.00
.400/.360	268°/280°	242°/245°	1043/1044	Excellent torque profile to increase overall performance, also works excellent for short track super motard / supercross applications. Requires Performance Valve Spring Kit.	N/A	N/A	57-602 \$472.00
.400/.347	282°/288°	256°/252°	961/962	Performance profile designed to increase mid and upper end. Requires Exhaust System, High Compression Piston, and Performance Valve Spring Kit.	N/A	N/A	57-442 \$472.00



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.400/.323	264°/280°	238°/241°	570/993	Performance profile designed to increase overall performance. Excellent throttle response. Requires Exhaust System, High Compression Piston, and Performance Valve Spring Kit.	N/A	N/A	57-512 \$472.00
.355/.342	282°/300°	258°/264°	943/921	Bolt in profile increases overall performance throughout RPM range.	N/A	N/A	57-122 \$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
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



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				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. Fits the (02-03) CRF 450 models. Price (Each). CT-H04 \$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 1014 models as well. Price (Each). CT-H03 \$120.00
				Valve Spring Kit With Aluminum Retainers			Kit includes performance dual PSI springs, aluminum retainers, and bottom cups. OK to .500" valve lift. Price Per Set (4). VC-H72 \$348.00
				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-H97 \$275.00
				Valve Spring Kit With Titanium Retainers			Kit includes performance dual springs and Titanium retainers. OK up to 0.440" valve lift. Check ALL clearances! Price Per Set (4). VC-H74 \$195.00
				Valve Spring Kit With Titanium Retainers			Kit includes performance dual springs, Titanium retainers, and bottom cups. OK to .500" valve lift. Recommend using with Titanium valves. Price Per Set (4). VC-H46 \$335.00
				Valve Spring Kit With Titanium Retainers			Kit includes performance dual PSI springs, Titanium retainers, and bottoms. OK to 0.500" valve lift. Price Per Set (4). VC-H15 \$465.00



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VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
				Valves, Stainless (Ferrea) Intake			Standard size 36 mm, +1 mm OS for the 450 X (05-17). Price (Each). IV-H39 \$40.80
				Valves, Stainless (Ferrea) Intake Oversized			Oversized +1 mm to 37 mm, +2 mm OS for the 450 X (05-17). Price (Each). IV-H36 \$40.80
				Valves, Stainless (Kibblewhite) Intake Oversized			Oversized +1 mm to 37 mm, +2 mm OS for the 450 X (05-17). Price (Each). IV-H16 \$30.00
				Valves, Stainless (Kibblewhite) Intake Oversized			Oversized +2 mm to 38 mm, +3 mm OS for the 450 X (05-17). Price (Each). IV-H19 \$50.00
				Valves, Stainless (Kibblewhite) Intake Standard Size			Standard size 36 mm, +1 mm OS for the 450 X (05-17). Price (Each). IV-H15 \$30.00
				Valves, Stainless (Kibblewhite) Exhaust Oversized			Standard Size 31 mm for CRF 450 R (02-06), +1 mm oversize for CRF 450 R (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each). EV-H15 \$30.00
				Valves, Stainless (Ferrea) Exhaust Oversized			Oversized +1 mm to 32 mm for CRF 450 R (02-06), +2 mm oversize for CRF 450 R (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each). EV-H40 \$40.80



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Valves, Stainless (Kibblewhite) Exhaust Oversized				Oversized +1 mm to 32 mm for CRF 450 R (02-06), +2 mm oversize for CRF 450 R (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each).			EV-H16 \$70.00
Valves, Stainless (Ferrea) Exhaust Size				Standard Size 31 mm for CRF 450 R (02-06), +1 mm oversize for CRF 450 R (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each).			EV-H39 \$40.80
Valve Guide, Shortened 0.120" Intake Standard Size				Made from special C630 Bronze material for longer wear. Standard size. Adds additional retainer to guide seal clearance. Must use for lifts above 0.385". Custom sizes available +.001, +.002, +.004, +.010. Price (Each).			VG-H07-I \$13.50
Valve Guide, Shortened 0.095" Exhaust Standard Size				Made from special C630 Bronze material for longer wear. Standard size. Adds additional retainer to guide seal clearance. Must use for lifts above 0.385". Custom sizes available +.001, +.002, +.004, +.010. Price (Each).			VG-H07-E \$13.50
Valve Seals (OEM) Intake				Replacement valve guide seals. Price Per Set (2).			VS-H00 \$20.00
Valve Seals (OEM) Exhaust				Replacement valve guide seals. Price Per Set (2).			VS-H07 \$15.00