



Honda CRF 450 R SOHC 4v

Effective June 2023
Prices Subject To Change
Without Notice!

VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET
.417/.342	284°/300°	261°/264°	242/921	Race profile designed for extreme acceleration with added mid and upper end performance. Requires Exhaust System, High Compression Piston, Larger Diameter Followers, Shortened Valve Guides, and Performance Valve Spring Kit. Check ALL clearances!	N/A	N/A	57-802 \$605.00
.415/.408	278°/276°	252°/248°	493/739	High lift, short duration racing profile. Excellent throttle response. Requires High Compression Piston, Performance Valve Spring Kit, Shortened Valve Guides, and Larger Diameter Followers. Check ALL clearances!	N/A	N/A	57-542 \$605.00
.415/.342	278°/300°	252°/264°	493/921	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	59-542 \$605.00
.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	57-592 \$605.00
.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	57-502 \$605.00
.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. Check ALL clearances!	N/A	N/A	57-492 \$605.00
.355/.342	282°/300°	258°/264°	943/921	Bolt in profile increases overall performance throughout RPM range.	N/A	N/A	57-372 \$605.00



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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 \$45.00
				Buckets, Shim Under (Supertech) 28 mm x 20 mm x 3.0 mm Price (Each).			CF-C41 \$45.00
				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 11 models as well. Price (Each)			CT-H03 \$120.00
				Valve Spring Kit With Aluminum Retainers RD (PSI), RACE Kit includes performance dual PSI springs, aluminum retainers, and bottom cups. OK to .500" valve lift. Price Per Set (4).			VC-H72 \$375.00
				Valve Spring Kit With Titanium Retainers (High Rev),(RHC) 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 \$285.00
				Valve Spring Kit With Titanium Retainers (PM) Kit includes performance dual springs and Titanium retainers. OK up to 0.440" valve lift. Check ALL clearances! Price Per Set (4).			VC-H74 \$210.00



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Valve Spring Kit With Titanium Retainers (RD) STD				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 \$370.00
Valve Spring Kit With Titanium Retainers (RD) PSI, RACE				Kit includes performance dual PSI springs, Titanium retainers, and bottoms. OK to 0.500" valve lift. Price Per Set (4).			VC-H15 \$480.00
Valves, Stainless (Ferrea) Intake				Standard size 36 mm Honda CRF 450 R (02-08), +1 mm OS for the 450 X (05-17). Price (Each).			IV-H39 \$46.00
Valves, Stainless (Ferrea) Intake Oversized				Oversized +1 mm to 37 mm for Honda CRF 450 R (02-08), +2 mm OS for the 450 X (05-17). Price (Each).			IV-H36 \$46.00
Valves, Stainless (Kibblewhite) Intake Oversized				Oversized +1 mm to 37 mm, +2 mm OS for the 450 X (05-17). Price (Each).			IV-H16 \$32.00
Valves, Stainless (Kibblewhite) Intake Oversized				Oversized +2 mm to 38 mm, +3 mm OS for the 450 X (05-17). Price (Each).			IV-H19 \$77.00
Valves, Stainless (Kibblewhite) Intake Standard Size				Standard size 36 mm CRF 450 R (02-08), +1 mm OS for the 450 X (05-17). Price (Each).			IV-H15 \$32.00



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Valves, Stainless (Ferrea) Exhaust Oversized				Oversized +1 mm to 32 mm for CRF 450 R (02-06), +2 mm oversize for CRF 450 (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each).			EV-H40 \$46.00
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 \$77.00
Valves, Stainless (Kibblewhite) Exhaust Standard Size				Standard size 30 mm. Price (Each).			EV-H07 \$32.00
Valves, Stainless (Ferrea) Exhaust STD / Oversize				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 \$46.00
Valves, Stainless (Kibblewhite) Exhaust STD / Oversize				Standard Size 31 mm for CRF 450 R (02-06), +1 mm oversize for CRF 450 (07-08), CRF 450 X (05-17), TRX 450 ER (06-14), TRX 450 R (06-09). Price (Each).			EV-H15 \$32.00
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 \$25.00
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 \$25.00



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VALVE LIFT	DURATION	DURATION @ .050	GRIND NUMBER	DESCRIPTION	REGRIND	HARDWELD	BILLET	
				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