



HUSQVARNA® & KTM® VARIOUS 450'S 2013-2018

January 18 2024

- Husqvarna® FS 450 2017-2018
- Husqvarna® FC 450 2014-2018
- KTM® 450 SX-F 2013-2018
- Husqvarna® FX 450 2017
- KTM® 450 XC-F 2013-2017

Valve Spring Kit • Beehive Racing

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift			
	96-96500	Intake	.435"	1.360"	80#	205#	.435"			
		Exhaust								
Kit Includes			2	In CrSi Valve Springs	2	In Titanium Retainers	2	In H. T. Steel Basewashers	2	In H. T. Steel Shims
			2	Ex CrSi Valve Springs	2	Ex Titanium Retainers	2	Ex H. T. Steel Basewashers	--	Ex H. T. Steel Shims

Intake Only • Steel Valve Conversion Kit

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift	
	96-96540	Intake	.435"	1.360"	80#	205#	.435"	
	Kit Includes			2	CrSi Valve Springs	2	Titanium Retainers	2
			2	Black Diamond™ Valves	2	H.T. Steel Shims		

Valves • Black Diamond™ • Black Nitroreg Stems

	KPMI P/N	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
	96-96512	Intake	39.93mm	1.572"	0.2358"	15°	3.675"	Standard
	96-96516	Exhaust	33.15mm	1.305"	0.2353"	30°	3.645"	Standard

You must use KPMI® Spring Kit 96-96500 when installing Black Diamond™ Valves

Valves • O.E.M. Replacement • Tensilite® • Chromium Nitride PVD Coated Titanium

	KPMI P/N	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Material	Rep. OEM P/N
	96-96512T	Intake	39.93mm	1.572"	0.2358"	15°	3.675"	Titanium	78936030100
	96-96516T	Exhaust	33.15mm	1.305"	0.2353"	30°	3.645"	Titanium	78936031000

Note: These valves are intended as O.E.M. replacement valves and are completely compatible with the O.E.M. spring kits. However, experienced engine builders, who are running aggressive camshafts or higher than factory RPM's may find the combination of the O.E.M. Style Valve and KPMI's Lightweight Racing Spring Kits advisable. All titanium valves are (Tensilite®) PVD CrN coated, and all stainless valves are Black Diamond™ coated.

Valve Guides • C630 Bronze

		*A	*C	*D	E	F	G	Intake	Exhaust
		0.555"	0.945"	1.140"	0.433"	0.2353"	0.4352" / Std.	96-96520	
							+0.001"	96-96521	
							+0.002"	96-96522	
							+0.010"	96-96529	
		0.635"	0.865"	1.060"	0.433"	0.2353"	0.4352" / Std.		96-96520
							+0.001"		96-96521
							+0.002"		96-96522
							+0.010"		96-96529

*Note: One guide design installs at two different heights depending on Intake or Exhaust usage. You must install to lower line for exhaust and upper line for intake.

ORDER 650-557-2046

HUSQVARNA & KTM

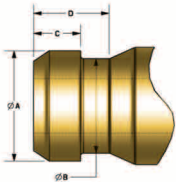

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Valve Guide Seals • Viton®

Stem Diameter	O.L	Seal O.D.	Seal Style	Designed for these guide specs				Type
				A	B	C	D	
6.0mm	0.315"	0.520"	5	A	B	C	D	Intake
				0.435"±0.002"	0.395"	0.120"	0.210"	Exhaust
 		Part Number		Quantity		Quantity Incentive		
		71029-4		Pkg. of 4		0%		
		71029-8		Pkg. of 8		0%		
		71029-16		Pkg. of 16		Less- 10%		
		71029-50		Pkg. of 50		Less- 15%		
		71029-100		Pkg. of 100		Less- 20%		

Retail Price List

KPMI P/N	Description	Retail
96-96500	Spring Kit, Beehive Racing, Titanium Retainer, 0.435 Lift	\$181.00
96-96540	Intake Only, Steel Valve Conversion Kit	\$198.71
96-96512	Black Diamond™ Valve, Intake, Std.	\$54.10
96-96516	Black Diamond™ Valve, Exhaust, Std.	\$54.10
96-96512T	O.E.M. Replacement Tensilite® Valve, Intake, Std.	\$109.33
96-96516T	O.E.M. Replacement Tensilite® Valve, Exhaust, Std.	\$109.33
96-96520	Guide, C630, Intake, Exhaust Std.	\$22.22
96-96521	Guide, C630, Intake, Exhaust +0.001	\$22.22
96-96522	Guide, C630, Intake, Exhaust +0.002	\$22.22
96-96529	Guide, C630, Intake, Exhaust +0.010	\$22.22
71029-4	Seal, Red Viton®, 6.0mm Stem X 0.435" Guide(Pkg. of 4)	\$13.96
71029-8	Seal, Red Viton®, 6.0mm Stem X 0.435" Guide(Pkg. of 8)	\$27.92
71029-16	Seal, Red Viton®, 6.0mm Stem X 0.435" Guide(Pkg. of 16)	\$50.25
71029-50	Seal, Red Viton®, 6.0mm Stem X 0.435" Guide(Pkg. of 50)	\$148.33
71029-100	Seal, Red Viton®, 6.0mm Stem X 0.435" Guide(Pkg. of 100)	\$279.21

Contact a KPMI® Sales Representative Today!
650-557-2046, Ext. 802

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