



NEW PRODUCT

Jan. 22, 2019



Manufacturing Valvetrain For 80-Years & 2-Generations

AVAILABLE NOW

Applications	Suzuki®
Years	2009-2016
Models	GSX-R 1000

Valve Spring Only Kit • "Performance Rebuild" Beehive

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
	60-61700	Intake	.425"	1.335"	60#	181#	.425"
		Exhaust					
Kit Includes			16	CrSi Valve Springs	16	H. T. Steel Basewashers	

- These high quality replacement springs have been designed to exceed the OEM specifications by fitting precisely on the spring shoulder diameter of both the OEM retainers, and KPMI H.T. Steel retainers (P/N 60-61701)
- This kit also includes H.T. Steel basewashers in order to achieve a precision fitment on the large end of our beehive spring which, better controls the lateral motion of the spring, ensuring longer life and less wear on the valvetrain components
- KPMI® has gone a step further and specified the latest in spring materials and processing, for an extremely robust design that will last longer than anything currently on the market
- Unique features of this spring include a beehive variable rate wind to reduce the chances of spring surge due to cam harmonics, Super-Clean Chrome Silicon wire with additional Vanadium and Nickel added for increased strength, and a gas nitrided and double shot peened finish for greater fatigue life

Retainer Set • O. E. M. Replacement • H. T. Steel

	KPMI P/N	Type	Material	Quantity
	60-61701	Intake	H.T. Steel	Pkg. of 16
		Exhaust		

- By utilizing FEA software, it was possible to take advantage of the increased strength and wear resistance of a heat treated steel retainer, while reducing its mass to within grams of a comparable titanium retainer
- These retainers are intended as an OEM replacement and are completely compatible with the OEM springs, keepers, and shims
- The spring shoulder diameter has been designed to match the OEM retainer and spring as well as KPMI's beehive spring (P/N 60-61700), making this retainer your high performance OEM alternative

Valve Spring Kit • Lightweight Racing

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift	
	60-61650	Intake	.445"	1.330"	43#	152#	.445"	
		Exhaust						
Kit Includes			16	Titanium Retainers	16	CrSi Valve Springs	16	H. T. Steel Basewashers

Valve • Titanium • Tensilite® • Intake

	KPMI P/N	Type	Head Diameter	Stem Diameter	Tulip	O. L.	Remarks
	60-61662T	Intake	31.00mm	1.220"	0.1765"	25°	3.755"

Cam Tower Bolt • H.T. Steel

	KPMI P/N	Thread	Hex	T. L. -A-	O. L. -B-	Flange Ø -C-	Quantity	Kit Quantity	Rep. OEM P/N
	60-61690	M6 x 1.0	10mm	18mm	40mm	12.57mm	20ea.	Pkg. of 20	09103-06266
						0.495"			09103-06026
	41005-4	M6 x 1.0	10mm	18mm	40mm	12.57mm	4ea.	Pkg. of 4	09103-06266
0.495"						09103-06026			

Works with other applications (see dimensions for compatibility)

For the remaining products, please see the following page.

ORDER 650-557-2046



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Valve Guide • C630 Bronze

	A	B	C	D	E	F	G	Intake	Exhaust
	0.520"	0.545"	0.730"	0.945"	0.410"	0.1760"	0.3773" / Std.		60-61670
							+0.001"		60-61671
							+0.002"		60-61672
							+0.010"		60-61679

Valve Guide Seal • Viton®

Stem Diameter	O.L.	Seal O.D.	Seal Style	Designed for these guide specs				Type
4.5mm	0.331"	0.370"	4	A	B	C	D	Intake
				0.321"±0.005"	0.281"	0.120"	0.240"	Exhaust
	Part Number		Quantity		Quantity Discount			
	71014-4		Pkg. of 4		0%			
	71014-8		Pkg. of 8		0%			
	71014-16		Pkg. of 16		Less- 10%			
	71014-50		Pkg. of 50		Less- 15%			
71014-100		Pkg. of 100		Less- 20%				

Retail Price List

KPMI P/N	Description	Retail
60-61700	Lightweight Racing Spring kit , 0.425" lift w/ H.T. Steel Retainers	\$143.50
60-61701	H.T. Steel Retainers, O. E. M. Replacement	\$151.09
60-61650	Lightweight Racing Spring kit , 0.425" lift w/ Titanium Retainers	\$588.15
60-61662T	Titanium Tensilite® Valve, Intake, Standard	\$75.69
60-61670	C630 Guide, Intake / Exhaust, Standard	\$16.44
60-61671	C630 Guide, Intake / Exhaust, +0.001	\$16.44
60-61672	C630 Guide, Intake / Exhaust, +0.002	\$16.44
60-61679	C630 Guide, Intake / Exhaust, +0.010	\$16.44
60-61690	H.T. Steel Cam Tower Bolt (Pkg. of 20)	\$55.76
41005-4	H.T. Steel Cam Tower Bolt (Pkg. of 4)	\$11.14
71014-4	Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 4)	\$13.96
71014-8	Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 8)	\$27.92
71014-16	Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 16)	\$50.25
71014-50	Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 50)	\$148.33
71014-100	Red Viton® Seal, 4.5mm Stem x 0.321" Guide Seal Detail (Pkg. of 100)	\$279.21

Contact a KPMI® Sales Representative Today!

(650) 650-557-2046, Ext. 802

VISIT US AT WWW.KPMI.US