



NEW PRODUCT

January 19, 2024



Manufacturing Valvetrain For 80-Years & 2-Generations

AVAILABLE NOW

Applications	Arctic Cat®
Years	2008-2016
Models	Various 1056cc Twins

- All 2014 5000 & 9000 C-TEC4 Engines
- Bearcat™ Z1 XT (Incl. Limited)
- TZ1™ (All Models Incl. Turbo)
- Z1™ (All Models Incl. Turbo)
- ProCross™ F & XF 1100 (All Models Incl. Turbo)
- ProClimb™ M 1100 (All Models Incl. Turbo)
- Jaguar™ Z1
- M / XF / ZR 9000's 2014-2015
- M 9000 2016

Valve Spring Kit • Turbo Racing • High Performance

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift	
	88-88050	Intake	.380"	1.440"	70#	184#	.380"	
		Exhaust						
Kit Includes			8	CrSi Valve Springs	8	Titanium Retainers	8	H. T. Steel Basewashers

Both our Turbo spring kit and "Shim in Tappet" Turbo spring kits are designed for applications with up to 35psi of boost.

Valve Spring Kit • Turbo Racing • "Shim in Tappet" High Performance

	KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift			
	88-88100	Intake	.380"	1.440"	70#	184#	.380"			
		Exhaust								
Kit Includes			8	CrSi Valve Springs	8	Titanium Retainers	8	H. T. Steel Basewashers	8	H. T. Steel Tappets

"Shim in Tappet" valve spring kits provide a solution to the common ovaling of retainers and shim spitting in higher performance applications. By locating the shim in the heat treated steel tappet instead of the titanium retainer, wear is greatly reduced, and reliability is increased. These tappets were designed and analyzed using the same Finite Element Analysis software used in the development of our valves in order to maintain the same strength and mass as our high performance traditional tappet/retainer system.

Tappets • O.E.M. Replacement • H.T. Steel

	KPMI P/N	Type	Coating	A	B	C	E	F	Quantity	
	88-88057	Intake	H. T. Steel	28.00mm	1.1017"	1.038"	0.763"	--	0.098"	Pkg. of 8
		Exhaust								

Valve Guides • C630 Bronze

	A	B	C	D	E	F	G	Intake	Exhaust
	0.620"	0.655"	0.645"	0.825"	0.460"	0.2155"	0.4167" / Std.		88-88070
							+0.001"		88-88071
							+0.002"		88-88072
							+0.010"		88-88079

ORDER 650-557-2046



NEW PRODUCT

January 19, 2024



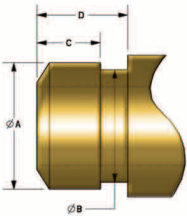

Manufacturing Valvetrain For 80-Years & 2-Generations

AVAILABLE NOW

Applications	Arctic Cat®
Years	2008-2016
Models	Various 1056cc Twins

- All 2014 5000 & 9000 C-TEC4 Engines
- Bearcat™ Z1 XT (Incl. Limited)
- TZ1™ (All Models Incl. Turbo)
- Z1™ (All Models Incl. Turbo)
- ProCross™ F & XF 1100 (All Models Incl. Turbo)
- ProClimb™ M 1100 (All Models Incl. Turbo)
- Jaguar™ Z1
- M / XF / ZR 9000's 2014-2015
- M 9000 2016

Valve Guide Seals • Viton®

Stem Diameter	O.L.	Seal O.D.	Seal Style	Designed for these guide specs				Type
				A	B	C	D	
5.5mm	0.320"	0.440"	4	0.358"±0.005"	0.320"	0.110"	0.200"	Intake
								Exhaust
 			Part Number		Quantity		Quantity Discount	
			71016-4		Pkg. of 4		0%	
			71016-8		Pkg. of 8		0%	
			71016-16		Pkg. of 16		Less- 10%	
			71016-50		Pkg. of 50		Less- 15%	
			71016-100		Pkg. of 100		Less- 20%	

Retail Price List

KPMI P/N	Description	Retail
88-88050	Valve Spring Kit , Turbo Racing, High Performance	\$271.50
88-88100	Valve Spring Kit, Turbo Racing, "Shim in Tappet" High Performance	\$834.80
88-88057	Tappets, O.E.M. Replacement, H.T. Steel (Pkg. of 8)	\$386.02
88-88070	Valve Guides, C630 Bronze, Intake, Exhaust Std.	\$17.70
88-88071	Valve Guides, C630 Bronze, Intake, Exhaust +0.001	\$17.70
88-88072	Valve Guides, C630 Bronze, Intake, Exhaust +0.002	\$17.70
88-88079	Valve Guides, C630 Bronze, Intake, Exhaust +0.010	\$17.70
71016-4	Red Viton® Seal, 5.0mm Stem x 0.355" Guide Seal Detail (Pkg. of 4)	\$13.96
71016-8	Red Viton® Seal, 5.0mm Stem x 0.355" Guide Seal Detail (Pkg. of 8)	\$27.92
71016-16	Red Viton® Seal, 5.0mm Stem x 0.355" Guide Seal Detail (Pkg. of 16)	\$50.25
71016-50	Red Viton® Seal, 5.0mm Stem x 0.355" Guide Seal Detail (Pkg. of 50)	\$148.33
71016-100	Red Viton® Seal, 5.0mm Stem x 0.355" Guide Seal Detail (Pkg. of 100)	\$279.21

VISIT US AT WWW.KPMI.US