


# YAMAHA® WR™/YZ™ 250F 2001-2013

October 27, 2025




YAMAHA

## Valve Spring Kit • Lightweight Racing


	KPMI P/N	Type	Max Valve Lift		Installed Height		Seat Pressure		Open Pressure		@ Lift
	80-80066	Intake	.380"		1.105"		39#		86#		.380"
		Exhaust									
	Kit Includes			3	In Titanium Retainers	3	In CrSi Valve Springs	3	In H. T. Steel Basewashers		
				2	Ex Titanium Retainers	2	Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers		
3				In Viton® Seals			2	Ex Viton® Seals			

## Intake Only • Steel Valve Conversion Kit

	KPMI P/N	Type	Max Valve Lift		Installed Height		Seat Pressure		Open Pressure		@ Lift
	80-80850	Intake	.380"		1.105"		39#		86#		.380"
		Kit Includes		3	In Titanium Retainers		3	In CrSi Valve Springs		3	In H. T. Steel Basewashers
	2			Outer In Black Diamond™ Valves				1	Center In Black Diamond™ Valves		

## Cylinder Head Service Kit

**NEW PRODUCTS**




KPMI P/N	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift	
80-82400	Intake	.380"	1.105"	39#	86#	.380"	
	Exhaust						
Kit Includes		3	In Titanium Retainers	3	In CrSi Valve Springs	3	In H. T. Steel Basewashers
		2	Ex Titanium Retainers	2	Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
		3	In Std. Black Diamond™ Valves	2	Ex Std. Black Diamond™ Valves		
		3	In Std. C674 Valves Guides	2	Ex Std. C674 Valve Guides		
		1	Top End Gasket Kit				

## Components • Replacement • Cylinder Head Service Kit

**NEW PRODUCTS**

KPMI P/N	Description	Specification
80-80066	Spring Kit	<b>Includes:</b> Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
80-80073	Intake (Outer), Standard Valve	Valve • Black Diamond™ • Black Nitronex Stems
80-80075	Intake (Center), Standard Valve	Valve • Black Diamond™ • Black Nitronex Stems
80-80077	Exhaust, Standard Valve	Valve • Black Diamond™ • Black Nitronex Stems
80-80080	Intake, Standard Valve Guide	Valve Guide • C674 Bronze
80-80090	Exhaust, Standard Valve Guide	Valve Guide • C674 Bronze
80-82401	Gasket Kit	<b>Includes:</b> Head Gasket 77mm Bore (1), Base Gasket (1), Exhaust Gasket (1), Cam Chain Tens. Gasket (1), Ex. Valve Stem Seal (2), In. Valve Stem Seal (3)

## Valves • Black Diamond™ • Black Nitronex Stems

	KPMI P/N	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
	80-80073	Intake	23.00mm	0.906"	0.1568"	25°	3.150"	Standard
	80-80075	Intake (Center)	23.00mm	0.906"	0.1568"	25°	3.095"	Standard
	80-80077	Exhaust	24.50mm	0.965"	0.1758"	25°	3.070"	Standard

Must use Kibblewhite® Lightweight Valve Spring Kits when installing Black Diamond™ Valves.

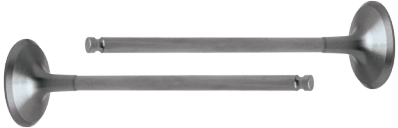
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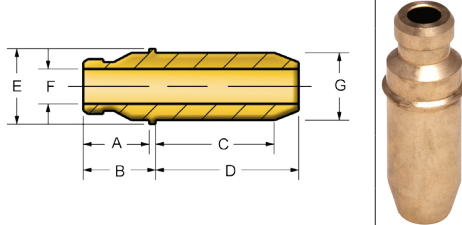
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## Valves • O.E.M. Replacement • Tensilite® • Chromium Nitride PVD Coated Titanium

	KPMI P/N	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Material	Rep. OEM P/N
	<b>80-80073T</b>	Intake	23.00mm	0.906"	0.1570"	25°	3.150"	Titanium	5NL-12112-30-00
	<b>80-80075T</b>	Intake (Center)	23.00mm	0.906"	0.1570"	25°	3.090"	Titanium	5NL-12111-30-00
	<b>80-80077T</b>	Exhaust	24.50mm	0.965"	0.1758"	25°	3.070"	Titanium	5NL-12121-10-00

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 • C674 Bronze

	A	B	C	D	E	F	G	Intake	Exhaust
	0.375"	.400"	0.520"	0.720"	.400"	0.1570"	0.3563" / Std.	<b>80-80080</b>	
							+0.010"	<b>80-80089</b>	
	0.405"	.430"	0.590"	0.790"	.440"	0.1760"	0.3958" / Std.		<b>80-80090</b>
							+0.010"		<b>80-80099</b>

## Valve Guide Seal Kits • High Performance

		Intake Stem Diameter	O.L	Seal O.D.	Seal Style	Designed for these guide specs			
						A	B	C	D
		4.0mm	0.320"	0.355"	5	0.285"±0.002"	0.245"	0.120"	0.215"
		Exhaust Stem Diameter	O.L	Seal O.D.	Seal Style	Designed for these guide specs			
						A	B	C	D
		4.5mm	0.331"	0.370"	4	0.321"±0.002"	0.281"	0.120"	0.240"
Part Number		80-80440		Kit Includes		3	Intake Viton® Seals	2	Exhaust Viton® Seals

## Retail Price List

KPMI P/N	Description	Retail
<b>80-80066</b>	Spring Kit, Lightweight Racing, .380" Lift	\$317.71
<b>80-80850</b>	Spring Kit, Intake Only, .380" Lift	\$303.29
<b>80-82400</b>	Cyl. Head Serv. Kit	\$556.38
<b>80-82401</b>	Top End Gasket Kit	\$68.58
<b>80-80073</b>	Valve, Black Diamond™ Stainless, In Std.	\$37.55
<b>80-80075</b>	Valve, Black Diamond™ Stainless, In Std. Center	\$37.55
<b>80-80077</b>	Valve, Black Diamond™ Stainless, Ex Std.	\$37.55
<b>80-80073T</b>	Valve (OEM Replacement), Tensilite, In Std.	\$92.51
<b>80-80075T</b>	Valve (OEM Replacement), Tensilite, In Std. Center	\$92.51
<b>80-80077T</b>	Valve (OEM Replacement), Tensilite, Ex Std.	\$92.51
<b>80-80080</b>	Guide, C674 Brz., In Std.	\$15.92
<b>80-80089</b>	Guide, C674 Brz., In +0.010	\$15.92
<b>80-80090</b>	Guide, C674 Brz., Ex Std.	\$15.92
<b>80-80099</b>	Guide, Mng. Brz., Ex +0.010	\$15.92
<b>80-80440</b>	Seal Kit, Red Viton, In/ Ex	\$17.45

ORDER 650-557-2046