



# YAMAHA RAPTOR 250 • 2008-'09

## SPRING KIT

### LIGHTWEIGHT RACING VALVE SPRING KIT

Kit Part #	Application	Description	Retainers	Keepers	Springs	Lower Collars
80-80550	Intake / Exhaust	.440" valve lift OK	80-80551 Titanium	O.E.M.	80-80553 Chrome Silicon	80-80555 H.T. Steel

## GUIDES

### C630 Bronze / SAE 630

A	B	C	D	E	F	G	IN	EX	IN/EX
0.455	0.490	0.845	1.245	0.480	0.2360	0.4552	80-80570		
						+0.001"	80-80571		
						+0.002"	80-80572		
						+0.004"	80-80574		
						+0.010"	80-80579		
0.455	0.490	0.975	1.295	0.480	0.2355	0.4552		80-80580	
						+0.001"		80-80581	
						+0.002"		80-80582	
						+0.004"		80-80584	
						+0.010"		80-80589	

## SEALS

### Solid Viton w/ Metal Jacket

KPMI Part #	Application	Quantity	Stem Diameter	Guide Diameter	Overall Length	Seal O.D.
80-80590	Intake / Exhaust	Packages of 1	6.0mm	0.385"	0.360"	0.475"

## VALVES

### BLACK DIAMOND VALVES • BLACK NITRONEG STEMS

KPMI Part Number	Type	Head Diameter	Stem Diameter	Overall Length	Tulip	Remarks
80-80562	IN	34.00mm / 1.339"	0.2355"	3.690"	15°	Standard
80-80563	IN	35.00mm / 1.378"	0.2355"	3.670"	15°	Oversize
80-80566	EX	28.50mm / 1.122"	0.2350"	3.640"	23°	Standard