



YAMAHA RAPTOR 700 • 2006-'09

SPRING KIT

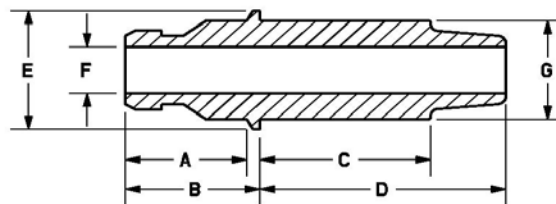
LIGHTWEIGHT RACING VALVE SPRING KIT

Spring Kit Part Number	Application	Description	Retainers	Keepers	Springs	Lower Collars
80-80410	Intake / Exhaust	.520" valve lift OK	80-80411 Titanium	USE O.E.M.	80-80412 Chrome Silicon	80-80413 H.T. Steel

GUIDES

C630 BRONZE / SAE 630

A	B	C	D	E	F	G	IN	EX	IN/EX
0.485"	0.525"	0.790"	1.110"	0.495"	0.2350"	0.4550"			80-80420
						+0.001"			80-80421
						+0.002"			80-80422
						+0.004"			80-80424
						+0.010"			80-80429
N/A	N/A	N/A	N/A	N/A	N/A	N/A			
						+0.001"			
						+0.002"			
						+0.004"			
						+0.010"			



VALVES

BLACK DIAMOND® VALVES • BLACK NITRONEG STEMS

KPMI Part Number	Type	Head Diameter	Stem Diameter	Overall Length	Tulip	Remarks
80-80430	IN	38.00mm / 1.496"	0.2354"	4.025"	11°	Standard
80-80431	IN	39.00mm / 1.535"	0.2354"	4.010"	11°	Oversize
80-80432	IN	40.00mm / 1.575"	0.2354"	4.010"	11°	Oversize NEW +2mm
80-80433	EX	32.00mm / 1.260"	0.2349"	3.785"	25°	Standard
80-80434	EX	33.00mm / 1.299"	0.2349"	3.770"	25°	Oversize
80-80435	EX	34.00mm / 1.339"	0.2349"	3.770"	25°	Oversize NEW +2mm