



# YAMAHA APEX SNOWMOBILE • 2003-'08

## SPRING KIT

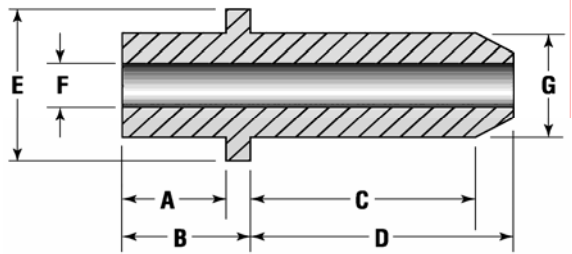
### LIGHTWEIGHT RACING VALVE SPRING KIT

Spring Kit Part Number	Application	Description	Retainers	Keepers	Springs	Lower Collars	Seals
80-80600	Intake	.365" valve lift OK	80-80601 Titanium	USE O.E.M.	80-80603 Chrome Silicon	80-80605 H.T. Steel	USE O.E.M.
	Exhaust	.365" valve lift OK	80-80602 Titanium	USE O.E.M.	80-80603 Chrome Silicon	80-80606 H.T. Steel	80-80641 Solid Viton

## GUIDES

### C630 BRONZE / SAE 630

A	B	C	D	E	F	G	IN	EX	IN/EX
0.580"	0.610"	0.520"	0.710"	0.381"	0.1570"	0.3563"	80-80620		
						+0.001"	80-80621		
						+0.002"	80-80622		
						+0.004"	80-80624		
						+0.010"	80-80629		
0.580"	0.510"	0.510"	0.690"	0.420"	0.1760"	0.3955"		80-80630	
						+0.001"		80-80631	
						+0.002"		80-80632	
						+0.004"		80-80634	
						+0.010"		80-80639	



## VALVES

### BLACK DIAMOND® VALVES • BLACK NITRONEG STEMS

KPMI Part Number	Type	Head Diameter	Stem Diameter	Overall Length	Tulip	Remarks
80-80612	IN	23.00mm / 0.906"	0.1568"	3.620"	15°	Standard
80-80613	IN	23.50mm / 0.925"	0.1568"	3.620"	15°	Oversize
80-80614	IN	23.00mm / 0.906"	0.1568"	3.565"	15°	Standard (Center)
80-80615	IN	23.50mm / 0.925"	0.1568"	3.565"	15°	Oversize (Center)
80-80616	EX	24.50mm / 0.965"	0.1757"	3.505"	25°	Standard
80-80617	EX	25.00mm / 0.984"	0.1757"	3.505"	25°	Oversize

## TAPPETS

KPMI Part Number	A	B	C	D	E	F
80-80642 (IN)	22.00mm / 0.7874"	0.740"	0.558"	0.065"	0.200"	0.111"
80-80643 (EX)	22.50mm / 0.8858"	0.835"	0.669"	0.072"	0.237"	0.091"

Note: Tappets sold individually.

