

## Crane Fireball Cams for 1966-84 Shovelhead

Part #	Duration at .053"		Gross Valve Lift		Gross Valve Lift @ TDC	
	Intake Open/close	Exhaust Open/Close	1.6:1 Rocker Ratio Intake	Exhaust	1.65:1 Rocker Ratio Intake	Exhaust
<b>Front</b>						
10-8166	220° 0°/40°	245° 53°/12°	.389"	.391"	.076"	.131"
<b>Rear</b>						
10-8167	233° 20°/33°	245° 53°/12°	.391"	.390"	.076"	.131"
10-8252 10-8253 10-8254	248° 24°/44°	248° 44°/24°	.455"	.455"	.180"	.185"
10-4380 10-4381 10-4382	244° 20°/44°	244° 44°/20°	.455"	.455"	.154"	.154"
10-4383 10-4384 10-4385	256° 26°/50°	256° 50°/26°	.490"	.490"	.184"	.184"
10-4357 10-4364	244° 22°/42°	244° 42°/22°	.450"	.450"	.178"	.182"
10-4358 10-4365	244° 18°/46°	254° 51°/23°	.450"	.450"	.157"	.188"