

Moto Guzzi cam specs per *Guzziology*, Dave Richardson

Part #	Applications	Dist. Drive	Nose Drive	IO BTDC	IC ABDC	EO BBDC	EC ATDC	IN LIFT	EX LIFT	IN Lobe	EX Lobe
1205 3302	700, Ambo, Eldo, 850 GT, V7 Special	Early	None	24°	58°	58°	22°	.261	.261	1.286	1.286
1405 3300	V7 Sport, 750 S	Late	Tach	40°	70°	63°	29°	.272	.272	1.287	1.287
1405 3301	LeMans I-III, 1000 SP, Mille, T3, T4, T5, SP II, Cal II, G5, 850-T, S3, CX 100, small-valve Cal IIIs, Strada 1000	Late	Tach	20°	52°	52°	20°	.259	.259	1.264	1.264
1405 3302	Strada 1000, SP III, 1000S w/36 carbs	Late	Tach	?	?	?	?	?	?	?	?
1405 3340	B-10 performance cam— standard for LM IV-V, big-valve Cal III & 1000S	Late	Tach	29°	60°	58°	31°	.283	.283	1.244	1.244
2905 3350	Quota 1000, non-US SP III	Late	Tach	?	?	?	?	?	?	?	?
2905 3351	Late Cal IIIs w/Digiplex or injection, Jackal, Bassa, early Cal 1000, Quota 1100 ES; '02 EV, early Stone and Cal Specials w/manually-adjusted valves	Late	None	20°	50°	44°	10°	?	?	1.266	1.266
3005 3360	'98-'01 EV, Cal 1100s, late Cal 1000	None	None	20°	50°	44°	10°	.264	.264	1.270	1.262
0305 3330	Cal PI: original	None	None	20°	47°	51°	15°	.264	.264	1.328	1.328
0305 3332	Cal PI: with lube holes in lobes	None	None	20°	47°	51°	15°	.264	.264	1.328	1.328
0305 3333	Cal PI: nitrided cam from recall kit	None	None	20°	47°	51°	15°	.264	.264	1.328	1.328
3705 3305	Sport 1100s, V11s	None	None	22°	54°	52°	24°	.298	.298	1.380	1.380
0505 3331	Breva/Griso 850/1100; Bellagio; Cal Classic, Touring, & Vintage; 1200s	None	None	24°	52°	54°	22°	.298	.298	1.380	1.380
1805 3351	Convert, California II Automatic	Late	Pump	20°	52°	52°	20°	.259	.259	1.264	1.264
9999 3900	P3 performance cam	Late	Tach	34°	62°	62°	32°	.303	.303	1.290	1.290

Timing at .040" lift at the cam/lifter
specs per Megacycle Cams

Mega-Cycle #	Norris #	IO BTDC	IC ABDC	EO BBDC	EC ATDC	IN Lift	EX Lift	IN Dur.	EX Dur.
620-x3	-	18°	54°	54°	18°	.325	.325	252°	252°
620-x10	-	27°	57°	57°	27°	.355	.355	264°	264°
620-x7	382	40°	76°	76°	40°	.382	.382	296°	296°
620-x8	RR3	43°	71°	71°	34°	.372	.360	294°	285°
620-x9	S	22°	56°	56°	22°	.326	.326	258°	258°
620-x11	SS	36°	66°	68°	34°	.360	.360	282°	282°

Timing at .020" lift at the valve?

Raceco '390' (Web-Cam 86a)

.395 .395 290° 290°

MEGACYCLE CAMS

90 MITCHELL BOULEVARD ■ SAN RAFAEL, CALIFORNIA 94903 ■ 415 472-3195 ■ FAX 415 472-1497

ALL CAMS HARDFACED ON STEEL CORES:

Due to the different expansion rates of the hardfaced (welded) material used on the camshaft lobes and the steel base metal, hairline cracks across the lobes are sometimes visible after the cams have been run for a short time. These hairline cracks will not cause any problems - they should be ignored.