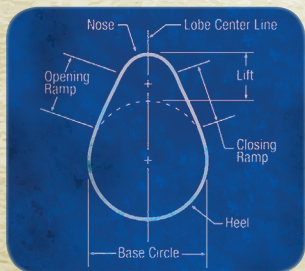




A Historic Guide to Original Muscle Car Camshaft Profiles



These profiles have been compiled from camshaft grinders, factory and aftermarket camshaft listings, and are believed to be accurate to the best of our knowledge.

Please see page 31 of the **2021 Engine Pro Performance Catalog** to find some of these and many other performance camshafts.



AMC FACTORY PERFORMANCE CAMS

304-401

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
8121156	263/263	196/196	.266/.266	.425/.425	110.5	HYD	1972 401
4488140	296/304	207/208	.287/.287	.459/.459	116	HYD	1970-71 390-401 WHITE STRIPE
3208586	302/302	224/224	.298/.298	.477/.477	110	HYD	GROUP 19 OPTION

CHRYSLER FACTORY PERFORMANCE CAMS

340-360

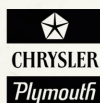
FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
5214671	279/290	210/220	.286/.296	.429/.444	114	HYD	340-360 4-BBL
P4452992	280/280	238/238	.316/.316	.474/.474	110	HYD	474 PURPLE SHAFT
P4120231	284/284	241/241	.323/.323	.484/.484	108	HYD	484 PURPLE SHAFT
P4120233	292/292	248/248	.339/.339	.508/.508	108	HYD	508 PURPLE SHAFT

383-440

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
2843564	292/309	213/225	.299/.309	.449/.464	115	HYD	4-BBL/ 3X2 SINGLE BOLT
P4452783	268/284	228/241	.299/305	.450/.458	115	HYD	RESTO 383/440
P4529270	268/284	228/241	.299/305	.450/.458	115	HYD	RESTO 440 SIX PACK 3-BOLT
P4452993	280/280	238/238	.316/.316	.474/.474	110	HYD	STREET , DRAG MILD COMP.
P41200237	292/292	248/248	.339/.339	.509/.509	108	HYD	STREET, DRAG MODIFIED COMP.
2365131	300/308	253/253	.347/.347	.520/.520	112	.028/.030	1964 STAGE III 425HP 426 MAX WEDGE
2402293	300/300	256/256	.336/.336	.509/.509	112	.028/.030	1963 425HP 426
P4120659	284/284	241/241	.352/.352	.528/.528	112	.028/.032	426 MAX WEDGE REPLACEMENT, 415 & 425 HP

426 HEMI

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
3462355	296/296	229/230	.314/.316	.492/.480	112	HYD	1970-71
P4529315	284/284	241/241	.309/.313	.484/.475	106	HYD	1970-71 RESTO
P4529316	284/284	241/241	.309/.313	.484/.475	106	.028/.032	1968-69



Oldsmobile

FORD FACTORY PERFORMANCE CAMS

289 V8

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
C90E-6250-C	290/290	218/218	.290/.290	.464/.464	113	HYD	225 HP
C30Z-6250-C	310/310	228/228	.298/.298	.477/.477	114	.018/.018	271-306 HP 289
C7FE-6250-A	318/320	251/252	.330/.330	.528/.528	106	.020/.020	LEMANS

302 BOSS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
C9ZZ-6250-A/	310/310	228/228	.298/.298	.516/.516	114	.018/.018	BOSS 302
D0ZZ-6250A							

351W/ 302 HO

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
C90Z-6250-A	256/270	*	.260/.278	.416/.444		HYD	1969 351W-4 BBL
D30Z-6250A	280/293	197/209	.260/.278	.416/.444	114	HYD	HO/LIGHTNING
E0AZ-6250A	283/304	206/221	.278/.283	.445/.453	115	HYD	HO W/4BBL
M-6250-M50	274/294	208/224	.280/.280	.453/.453	115.5	HYD	1995 351W COBRA "R"

351C

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
D1ZZ-6250-A	270/286	206/220	.278/.283	.481/.490	115	HYD	1971 CJ
D2ZZ-6250-A	280/290	219/229	.292/.292	.505/.505	114	HYD	1972 CJ
D1ZZ-6250-B	310/310	228/228	.298/.298	.516/.516	114	.018/.018	1971 BOSS
D2ZZ-6250-A	275/275		.284/.284	.491/.491		.025/.025	1972 HO

390-428

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
C7AZ-6250-A	273/281	192/199	.247/.248	.433/.436	112	HYD	390 2-BBL
C6AZ-6250-A	274/274	192/192	.253/.253	.442/.442	109.5	HYD	390 4-BBL
C60Z-6250-B	288/302	206/221	.278/.283	.486/.495	115	HYD	390GT 320/335 HP;428 CJ
C8AX-6250-C	282/296	220/230	.289/.289	.509/.509		HYD	1963-67 427 390 HP
C3AZ-6250-AA	324/324	244/244	.303/.303	.524/.524	114	.026/.026	427 425HP
C3AZ-6250-D	306/306		.298/.298	.500/.500		.025/.025	390/406 3-2', 2-4'S; 428 POLICE
C3AZ-6250-T	282/282		.264/.264	.440/.440		.025/.025	390 POLICE
C4AE-6250-B	324/324		.284/.284	.500/.500		.025/.025	1963-67 427
C8AX-6250-D	330/330		.355/.355	.600/.600		.025/.025	427 SPECIAL

429 CJ

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
D3JE-6250-AA	308/312	216/220	.285/.290	.493/.501	114.5	HYD	429 CJ
C9AZ-6250-A	284/284	222/222	.289/.289	.506/.506	114	HYD	1969-70 429 BOSS CJ 370HP
DOAC-6250-D	300/300	228/228	.298/.298	.515/.515	114	.020/.020	1970 429 SCJ

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GM FACTORY PERFORMANCE CAMS**BUICK 455 GS**

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
1383853	316/340	208/227	.306/.306	.490/.490	114	HYD	STAGE 1
1385557	340/360	225/253	.285/.300	.455/.480	115	HYD	STAGE 2

SMALL BLOCK CHEVROLET FACTORY PERFORMANCE CAMS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
3896929	258/269	195/202	.260/.273	.390/.410	112	HYD	300HP-327
340284	271/283	202/213	.267/.273	.400/.409	110	HYD	300HP-350
14088843	269/271	202/207	.269/.276	.404/.415	114.5	HYD	1984-86 HO
24502476	320/324	212/222	.290/.307	.435/.460	112.5	HYD	300-330 HP 350 CRATE
3863151	320/320	221/221	.298/.298	.447/.447	114	HYD	350HP-327 L79
3896962	312/312	222/222	.300/.307	.450/.460	114	HYD	350 L46/L82
3849346	314/314	254/254	.323/.323	.485/.485	114	.030/.030	302 Z-28, 365/375HP 327
3736097	287/287	228/230	.263/.267	.395/.401	110	.012/.018	1957-67 HI-PO, 327 340-360HP
3972178	300/312	242/254	.290/.303	.435/.455	116	.024/.030	350 LT-1
3927140	316/323	256/268	.329/.341	.493/.512	112	.024/.026	1ST OFF ROAD
3965754	318/327	262/273	.341/.357	.512/.536	112	.024/.026	2ND OFF ROAD

348-409 CHEVROLET FACTORY PERFORMANCE CAMS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
3744911	266/274	190/198	.229/.235	.400/.412	113	HYD	348/409
3755946	256/262	222/245	.230/.235	.403/.412	110	.012/.018	"348 DUNTOV" 350 HP
3796077	280/280	234/234	.248/.248	.434/434	116.5	.018/.022	409 MARK IV 409 HP
3830690	274/271	237/241	.288/.294	.504/.515	113.5	.022/.030	409 MARK VI 425 HP
3837735	296/296	250/250	.317/.317	.555/.555	113.5	.030/.030	409 MK VII Z-11 430 HP

BIG BLOCK CHEVROLET FACTORY PERFORMANCE CAMS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
3874872	286/286	196/196	.234/.234	.398/.398	113.5	HYD	THRU 69 STOCK
3963544	269/278	193/203	.234/.253	.399/.429	110.5	HYD	70-ON STOCK
353040	285/295	210/212	.259/.259	.440/.440	113.5	HYD	1973-75 454
3904359	289/302	214/218	.272/.282	.461/.480	115	HYD	396 L34 350-360HP, 427 390HP, 454 LS5
3904362	307/298	242/242	.306/.306	.520/.520	114	.024/.028	396-402 L78, 427 L71, 454 LS6
3925535	332/333	264/270	.329/.341	.560/.580	112	.024/.026	427 L88
3959180	327/333	262/273	.342/.365	.580/.620	110	.024/.026	427 ZL1, 454 LS7

OLDSMOBILE FACTORY PERFORMANCE CAMS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
409691	308/308	232/232	.296/.296	.474/.474	113	HYD	1ST W30, 350 W31
402569	328/328	244/244	.296/.296	.474/.474	110	HYD	W30 1968-ON

PONTIAC FACTORY PERFORMANCE CAMS

FACTORY #	ADV DUR	.050 DUR	CAM LIFT	VALVE LIFT	LOBE CENTERS	LASH	DESCRIPTION
541596	268/284	236/247		.416/.420	113.5	.012/.018	389-421 SD
9794041	301/313	224/236	.271/.271	.408/.408**	115.5	HYD	400 RA-III, 455SD
9785744	308/320	231/240	.313/.313	.470/.470*	113.5	HYD	400 RA-IV
529472	273/282	200/210	.271/.274	.407/.411	111	HYD	389 318HP
9779068	288/302	212/225	.271/.271	.408/.408**	115.5	HYD	389 360HP, 455 HO

*.516/.516 WITH FACTORY 1.65 RATIO ROCKER ARM ** .447/.447 WITH FACTORY 1.65 RATIO ROCKER ARM

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