Charlie Evan's Camshaft Guide

Automotive Machine & Performance
6235 Highway 54
Philpot, KY 42366
888-624-3848 or ampmike@aol.com
Mike Phillips

		0.050 In Duration		Lobe Sep	Lobe Lift		1.6 Ratio Valve Lift		Timing Events at 0.050 inch						
Camshaft Grind	Notes	Intake	Exhaust	Angle	Intake	Exhaust	Intake	Exhaust	In O	In C	C/L	Ex O	Ex C	C / L	Over-lap
Crane 218/280-25-12		218	226	112	0.28	0.29	0.448	0.464							
Crane 226/290-25-10		226	234	110	0.29	0.3	0.464	0.48							
Crane 242/310-25-10		242	250	110	0.31	0.32	0.496	0.512							
Crane 242/3125-25-10	Hi-Intensity	240	250	112	0.313	0.319	0.501	0.51	11	49	109	60	10	115	21
Crower 52240	280 HDP	222	228	112	0.305	0.312	0.488	0.499	3	39	108	50	-2	116	1
Crower 52241	284 HDP	230	236	112	0.325	0.326	0.52	0.522	7	43	108	54	2	116	9
Crower 52242	297 HDP	238	242	112	0.336	0.335	0.538	0.536	11	47	108	57	5	116	16
Crower 52243	311 HDP	246	250	112	0.341	0.348	0.546	0.557	15	51	108	61	9	116	24
Crower 52210	296 HDP	232	244	108	0.317	0.329	0.507	0.526	12	40	104	54	10	112	22
Crower 52211	304 HDP	242	248	108	0.332	0.35	0.531	0.56	17	45	104	56	12	112	29
Crower 52310	Solid 282FDP	238	242	108	0.301	0.305	0.482	0.488	15	43	104	53	9	112	24
Crower 52311	Solid 292FDP	246	250	108	0.312	0.318	0.499	0.509	19	47	104	57	13	112	32
Crower 52312	Solid304FDP	258	262	108	0.333	0.343	0.533	0.549	25	53	104	63	19	112	44
GSCA H230-245	Pop Mechanics	230	245	116	0.327	0.326	0.523	0.522	3	47	112	62.5	2.5	120	5.5
GSCA H241-241	Hemi Killer	241	241	112	0.323	0.323	0.517	0.517	12.5	48.5	108	56.5	4.5	116	17
GSCA H241-241	Hemi Killer	241	241	110	0.323	0.323	0.517	0.517	15.5	45.5	105	55.5	5.5	115	21
GSCA H255-271		255	271	110	0.383	0.349	0.581	0.558	21.5	53.5	106	69.5	21.5	114	43
K-B Mark 1H		202	212	112	0.295	0.298	0.472	0.477							
K-B Mark 2H	Grocery Getter	214	228	113	0.299	0.309	0.478	0.494	-1	37	108	52	-4	118	0
K-B Mark C118		228	246	118	0.308	0.308	0.493	0.493	1	47	113	66	0	123	1
K-B Mark C113		228	246	113	0.308	0.308	0.493	0.493	6	42	108	61	5	118	11
K-B Mark C107	Old Window Rattler	240	262	107	0.296	0.296	0.474	0.474	17	43	103	62	20	111	37
K-B Mark C107	New Window Rattler	240	262	107	0.312	0.312	0.499	0.499	17	43	103	62	20	111	37
K-B Mark C107-118		248	266	118	0.315	0.315	0.504	0.504	11	57	113	76	10	123	21
K-B Maxi 3		232	260	112	0.319	0.346	0.51	0.554	8	44	108	66	14	116	22
K-B Maxi 4		242	268	112	0.351	0.378	0.562	0.605	13	49	108	70	18	116	31
K-B Mark 3H		252	252	106	0.339	0.339	0.542	0.542	25	47	101	57	15	111	40
K-B Mark 5HB		264	264	108	0.379	0.379	0.606	0.606	28	56	104	64	20	112	48
K-B Mark 7XR		270	280	108	0.337	0.335	0.539	0.536	30	60	105	71	29	111	59
K-B Mark 7S	Solid	286	286	108	0.397	0.397	0.635	0.635	40	66	103	76	30	113	70
K-B Mark 8S	Solid	294	294	108	0.407	0.407	0.651	0.651	43	71	104	79	35	112	78

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Camshaft Grind	Notes	Intake	Exhaust	Angle	Intake	Exhaust	Intake	Exhaust	In O	In C	C/L	Ex O	Ex C	C / L	Over-lap
Lunati 33302		224	234	112	0.309	0.324	0.494	0.518	4	40	108	53	1	116	5
Lunati 33303		235	245	113	0.323	0.323	0.517	0.517	9	45	108	60	4	118	13
Lunati 33304	Hemi Killer	230	240	112	0.327	0.347	0.523	0.555	7	43	108	56	4	116	11
Poston GS 112A				112	0.295	0.298	0.472	0.477							
Poston GS 116				116	0.297	0.308	0.475	0.493							
Poston GS 118		228	246	118	0.306	0.306	0.49	0.49	0	48	114	65	1	122	1
Poston GS 113		228	246	113	0.306	0.306	0.49	0.49	5	43	109	60	6	117	11
Poston GS 113A		232	246	113	0.319	0.307	0.51	0.491	7	45	109	60	6	117	13
Poston GS 107-118A		244	266	118	0.312	0.312	0.499	0.499	8	56	114	75	11	122	19
Poston GS 107		244	266	107	0.296	0.296	0.474	0.474	19	45	103	64	22	111	41
Poston GS 107A		244	266	107	0.312	0.312	0.499	0.499	19	45	103	64	22	111	41
Poston GS 112A		244	266	112	0.296	0.296	0.474	0.474	14	50	108	69	17	116	31
Poston GS 105A		240	248	105	0.325	0.327	0.52	0.523	19	41	101	53	15	109	34
Poston GS 110				110	0.339	0.339	0.542	0.542							
Poston GS 105		260	260	105	0.346	0.346	0.554	0.554	29	51	101	59	21	109	50
Poston GS 108A		260	272	108	0.375	0.38	0.6	0.608	26	54	104	68	24	112	50
Poston GS 108B				108	0.373	0.388	0.597	0.621							
Poston GS 108C				108	0.371	0.391	0.594	0.626							
Poston GS 108S	Solid			108	0.376	0.37	0.602	0.592							
TA Stage 1		210	226	113	0.262	0.285	0.419	0.456							
TA C110		218	224	110	0.294	0.3	0.47	0.48							
TA C113		228	247	113	0.309	0.307	0.494	0.491							
TA C118		228	247	118	0.309	0.307	0.494	0.491							
TA C107		244	264	107	0.296	0.296	0.474	0.474							
TA RV 12		205	215	112	0.284	0.302	0.454	0.483							
TA 112		206	214	112	0.294	0.302	0.47	0.483	-5	31	108	43	-9	116	0
TA 212		218	230	112	0.296	0.303	0.474	0.485							
TA 310		232	232	110	0.322	0.322	0.515	0.515							
TA 413		234	244	113	0.323	0.323	0.517	0.517							
TA 510		255	265	110	0.36	0.36	0.576	0.576							
TA 608		258	272	108	0.372	0.376	0.595	0.602							
TA 608B	Stge 2 Street	260	268	108	0.363	0.363	0.581	0.581							
TA 708		270	284	108	0.37	0.388	0.592	0.621							
TA 112 Solid	Solid	228	240	112	0.3	0.319	0.48	0.51							

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TA 210	Solid	248	254	110	0.33	0.33	0.528	0.528							
TA 308	Solid	268	274	108	0.374	0.365	0.598	0.584							
TA 408	Solid	274	288	108	0.39	0.398	0.624	0.637	33	61	104	76	32	112	65
TA 508 Solid	Stage 2 & 3	276	276	108	0.388	0.388	0.621	0.621							
TA 608 Solid	Stage 2 & 3	286	286	108	0.397	0.397	0.635	0.635							
Comp Cams	High Energy	218	218	110	0.303	0.303	0.485	0.485							
Fed Mog / Speed Pro	CS1165 R	214	224	112	0.293	0.308	0.469	0.493							
Isky 115128	280 Hydraulic	224	224	108	0.292	0.292	0.467	0.467							
Erson JB 200		235	240	118	0.315	0.318	0.504	0.509							
Erson JB 300		242	250		0.337	0.336	0.539	0.538							
Schneider	290H	230	246	114	0.31	0.31	0.496	0.496							
Schneider Custom	Roller	*314	*322	108	0.365	0.388	0.584	0.621							
Schneider Custom	Roller	*300	*316	108	0.378	0.398	0.605	0.637							
Schneider Custom	Roller	264	284	110	0.38	0.4	0.608	0.64							
Reed Custom	Roller	285	294	110	0.454	0.467	0.726	0.747	34.5	78.5	108	79	35	112	69.5
Reed Custom	Roller	286	296	110	0.483	0.48	0.773	0.768	35	71	108	80	36	112	71
Torque Tech SP 205		205	215	112	0.265	0.302	0.424	0.483							
Torque Tech SPBP	Stge 1 Blueprint	214	224	110	0.294	0.31	0.47	0.496							
Torque Tech SP1S	Iron Engine	230	245	116	0.316	0.323	0.506	0.517	4	46	111	63.5	1.5	121	5.5
Torque Tech SP2X		230	240	110	0.32	0.32	0.512	0.512	9	41	106	54	6	114	15
Torque Tech SP235		238	248	112	0.317	0.317	0.507	0.507	11	47	108	60	8	116	19
Torque Tech SP300M		241	255	112	0.329	0.349	0.526	0.558	12.5	48.5	108	63.5	11.5	116	24
Torque Tech SP4		253	270	110	0.349	0.341	0.558	0.546	20.5	52.5	106	69	21	114	41.5
Torque Tech SP7H	Race Hydraulic	265	274	108	0.36	0.365	0.576	0.584							
Torque Tech SP75		264	274	108	0.365	0.365	0.584	0.584	24	60	108	65	29	108	53
Torque Tech SP85		274	284	108	0.365	0.365	0.584	0.584							
Ultra Dyne 262/272		207	217	112	0.288	0.303	0.461	0.485							
Ultra Dyne 266/276		211	221	112	0.294	0.303	0.47	0.485							
Ultra Dyne 276/286		221	230	112	0.303	0.303	0.485	0.485							
Ultra Dyne 288/296		231	237	110	0.323	0.338	0.517	0.541							
Wolverine	WG5066	224	234	112	0.308	0.323	0.493	0.517	5	39	107	54	0	117	5
Wolverine	WG5069	225	253	115	0.285	0.302	0.456	0.483	4	41	108	6	6	122	10

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Lazer 2650013	265A 265A	215	215	110	0.303	0.303	0.485	0.485	1.5	33.5	106	41.5	-6.5	114	0
Lazer 2650014	275A 275A	225	225	108	0.322	0.322	0.515	0.515	8.5	36.5	104	44.5	0.5	112	9
Lazer 2850113	285A 290B	235	240	108	0.338	0.331	0.541	0.53	13.5	41.5	104	52	8	112	21.5
Lazer 2950113	295A 300B	245	250	108	0.355	0.338	0.568	0.541	18.5	46.5	104	57	13	112	31.5