

# Camshaft Specifications

Zip #	C.I.	Lifter	OEM Cam Number		Cam Lift	Valve Lift	Advance Duration	Effective Timing Event @ .050" Cam Lift			Over-Lap	Lash-Hot	Lobe Center Line
								Duration	Opens	Closes			
EN-142	283, 327, 350	Hyd	3733431, 3896929, 14060651	Intake	0.260	0.390	258°	194°	10° BTC	52° ABC	90°	Hyd	110°
				Exhaust	0.273	0.410	269°	203°	68° BBC	6° ATC			122°
EN-143	283, 327	Mech	3736097	Intake	0.263	0.395	287°	228°	6° BTC	42° ABC	66°	0.012	108°
				Exhaust	0.267	0.401	287°	230°	48° BBC	2° ATC			112°
EN-144	350	Hyd	3896962	Intake	0.300	0.450	292°	224°	3° ATC	47° ABC	60°	Hyd	114°
				Exhaust	0.307	0.460	288°	224°	46° BBC	2° BTC			114°
EN-145	327	Mech	3849346	Intake	0.323	0.485	314°	254°	16° BTC	58° ABC	60°	0.030	114°
				Exhaust	0.323	0.485	314°	254°	64° BBC	10° ATC			114°
EN-148	396, 427, 454	Mech	3863143, 3904362, 3904366	Intake	0.306	0.520	336°	242°	12° BTC	50° ABC	98°	0.020	108°
				Exhaust	0.306	0.520	316°	242°	60° BBC	2° ATC			120°
EN-149	427, 454	Hyd	3873843, 3883986, 3904359	Intake	0.270	0.476	290°	214°	-4° BTC	38° ABC	66°	Hyd	110°
				Exhaust	0.282	0.496	303°	218°	49° BBC	-11° ATC			120°
EN-150	454	Hyd	353040	Intake	0.259	0.440	285°	210°	-6° BTC	36° ABC	63°	Hyd	110°
				Exhaust	0.259	0.440	295°	213°	43° BBC	-11° ATC			117°
EN-165	350	Mech	3972178, 3972182	Intake	0.306	0.459	316°	242°	10° BTC	52° ABC	90°	0.020	110°
				Exhaust	0.323	0.485	336°	254°	68° BBC	6° ATC			122°
EN-166	327	Hyd	3863151	Intake	0.298	0.447	306°	222°	1° BTC	41° ABC	78°	Hyd	110°
				Exhaust	0.298	0.447	306°	222°	49° BBC	7° ATC			118°
EN-167	427	Mech	3925535, 3928909, 3928911	Intake	0.329	0.559	342°	264°	22° BTC	62° ABC	112°	0.022	108°
				Exhaust	0.341	0.580	333°	270°	70° BBC	20° ATC			116°

Hyd. = Hydraulic  
Mech. = Mechanical

• **Note:** Gross valve lift may be determined by multiplying Lobe lift by the Rocker arm ratio. Subtract the Lash to determine the net valve lift.



Corvettes are all we do.

**www.zip-corvette.com**  
**1-800-962-9632**