

### Camshaft Profile, Intake Comparison

(All lift figures are valve lift)

year RPO	int. lift	int. dur. at .004	int. dur. at .050	int. open at .004	in. close at .004	in. open at .050	in. close at .050	int. CL	int. area	int. area increase
MY01 LS6	13.34 mm .525 in	270°	204°	9° BTDC	81° ABDC	18° ATDC	42° ABDC	118° ATDC	1862.9 mm/deg.	n/a
MY02 LS6	14.01 mm .551 in	267°	204°	7° BTDC	80° ABDC	19° ATDC	43° ABDC	120° ATDC	1936.9 mm/deg.	4%
MY05 LS2	13.34 mm .525 in	270°	204°	9° BTDC	81° ABDC	18° ATDC	42° ABDC	118° ATDC	1862.9 mm/deg.	0
MY06 LS7	15.06 mm .593 in	276°	210°	8° BTDC	88° ABDC	18° ATDC	48° ABDC	122° ATDC	2166.4 mm/deg.	16%
MY08 LS3	14.01 mm .551 in	267°	204°	7° BTDC	80° ABDC	19° ATDC	43° ABDC	120° ATDC	1936.9 mm/deg.	4%

### Camshaft Profile, Exhaust Comparison

(All lift figures are valve lift)

year RPO	exh. lift	exh. dur. at. .004	exh. dur. .050	ex. open .004	ex. close .004	ex. open .050	ex. close .050	exh. CL	exh. area	ex. area change
MY01 LS6	13.33 mm .525 in	275°	211°	65° BBDC	30° ATDC	37 BBDC	6 BTDC	114° BTDC	1914.6 mm/deg.	n/a
MY02 LS6	13.91 mm .547 in	282°	218°	69° BBDC	33° ATDC	42 BBDC	4 BTDC	115° BTDC	2046.6 mm/deg.	8%
MY05 LS2	13.33 mm .525 in	275°	211°	65° BBDC	30° ATDC	37 BBDC	6 BTDC	114° BTDC	1914.6 mm/deg.	0
MY06 LS7	14.95 mm .589 in	296°	230°	81° BBDC	35° ATDC	53 BBDC	3 BTDC	119° BTDC	2359.4 mm/deg.	23%
MY08 LS3	13.33 mm .525 in	275°	211°	66° BBDC	29° ATDC	38 BBDC	7 BTDC	115° BTDC	1914.6 mm/deg.	0

Source: [http://corvetteactioncenter.com/specs/c6/2008/ls3\\_page6.html](http://corvetteactioncenter.com/specs/c6/2008/ls3_page6.html)