

CHEVY CAMARO DISTRIBUTOR SPECIFICATIONS, 1970-1981

1970 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/155hp	DL (AN)	1110463 (MT) 1110464 (AT)	0 @ 900 30 @ 4200	0 @ 7 23 @ 16	31 - 34	TDC (m/t) 4 (A/T)	Both
307/200hp	DM (AO)	1111995 (MT) 1112005 (AT)	0 @ 1000 28 @ 4300	0 @ 6 15 @ 12	29 - 31	2 (m/t) 8 (A/T)	Both
350/250hp	DN (AQ)	1112001 (MT) 1112002 (AT)	0 @ 1000 36 @ 4100	0 @ 7 24 @ 17.5	29 - 31	TDC (m/t) 4 (A/T)	Both
350/300hp	DO (CN)	1111996 (MT) 1111997 (AT)	0 @ 950 30 @ 4700	0 @ 8 20 @ 17	29 - 31	TDC (m/t) 4 (A/T)	Both
350/360hp	CL (CT)	1112019	0 @ 1150 26 @ 5000	0 @ 8 15 @ 15.5	29 - 31	8	Both
402/350hp		1111999 (MT) 1112000 (AT)	0 @ 900 36 @ 5000	0 @ 8 15 @ 15.5	28 - 30	TDC (m/t) 4 (A/T)	Both

Idle Speed:

250 - 750 MT / 600 AT

307 - 700 MT / 600 AT

350 - 750 MT / 600 AT - 250hp

350 - 700 MT / 600 AT - 300hp

350 - 800 MT / 750 AT - 360hp

402 - 700 MT / 600 AT

1971 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/110hp	DK (CX)	1110499	0 @ 1000 24 @ 4100	0 @ 7 24 @ 15	31 - 34	6	Both
307/140hp	DL (AO)	1112039	0 @ 680 2 @ 1320 20 @ 4200	0 @ 8 20 @ 17	29 - 31	8	A/T
307/140hp	DL (AO)	1112005	0 @ 800 2 @ 1200 12 @ 2200 24 @ 4300	0 @ 8 20 @ 17	29 - 31	4	M/T
350/165hp	AP	1112005	0 @ 800 2 @ 1200	0 @ 8 20 @ 17	29 - 31	6	A/T

			12 @ 2200 24 @ 4300				
350/165hp	AP	1112042	0 @ 880 2 @ 1120 10 @ 1600 15 @ 2200 28 @ 4300	0 @ 8 20 @ 17	29 - 31	2	M/T
350/210hp	AQ	1112044	0 @ 840 2 @ 1160 10 @ 1800 15 @ 2400	0 @ 8 15 @ 15.5	29 - 31	4	M/T
350/210hp	AQ	1112045	0 @ 865 2 @ 1335 11 @ 2400 18 @ 4200	0 @ 8 15 @ 15.5	29 - 31	8	A/T
350/275hp	AW	1112049	0 @ 1070 2 @ 1330 16 @ 2250 24 @ 5000	0 @ 8 15 @ 15.5	29 - 31	8	M/T
350/275hp	AW	1112074	0 @ 1034 2 @ 1366 12 @ 2200 20 @ 5000	0 @ 8 15 @ 15.5	29 - 31	12	A/T
402/260hp	AT	1112057	0 @ 930 2 @ 1260 16 @ 2400 30 @ 4400	0 @ 8 20 @ 17	29 - 31	8	both

Idle Speed:

250 - 750 MT / 600 AT

307 - 600 MT / 550 AT

350 - 600 MT / 550 AT - 165hp

350 - 600 MT / 600 AT - 210hp

350 - 750 MT / 700 AT - 275hp

402 - 750 MT / 700 AT

1972 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/100hp	LA	1110499	0 @ 1000 24 @ 4100	0 @ 7 24 @ 15	31 - 34	6	Both
307/130hp	LC	1112039	0 @ 680 2 @ 1320 20 @ 4200	0 @ 8 20 @ 17	29 - 31	8	A/T

307/130hp	LC	1112005	0 @ 800 2 @ 1200 12 @ 2200 24 @ 4300	0 @ 8 20 @ 17	29 - 31	4	M/T
350/165hp	LG	1112005	0 @ 800 2 @ 1200 12 @ 2200 24 @ 4300	0 @ 8 20 @ 17	29 - 31	6	both
350/200hp	LJ	1112095	0 @ 840 2 @ 1160 10 @ 1800 15 @ 2400	0 @ 8 15 @ 15.5	29 - 31	4	M/T
350/200hp	LJ	1112049	0 @ 865 2 @ 1335 11 @ 2400 18 @ 4200	0 @ 8 15 @ 15.5	29 - 31	8	A/T
350/255hp	LN	1112095	0 @ 1090 2 @ 1310 21 @ 2350 28 @ 5000	0 @ 8 15 @ 15.5	29 - 31	4	M/T
350/255hp	LN	1112049	0 @ 1070 2 @ 1330 16 @ 2250 24 @ 5000	0 @ 8 15 @ 15.5	29 - 31	8	A/T
402/240hp	LS	1112057	0 @ 930 2 @ 1260 16 @ 2400 30 @ 4400	0 @ 8 20 @ 17	29 - 31	8	both

Idle Speed:

250 - 750 MT / 600 AT

307 - 900 MT / 600 AT

350 - 900 MT / 600 AT - 165hp

350 - 750 MT / 600 AT - 200hp

350 - 750 MT / 700 AT - 255hp

402 - 750 MT / 700 AT

1973 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/100hp	WB	1110499	0 @ 1000 24 @ 4100	0 @ 7 24 @ 15	31 - 34	6	Both
307/115hp	WC	1112227	0 @ 1000 2 @ 1200	0 @ 6 15 @ 12	29 - 31	4	M/T

			12 @ 2200 24 @ 4300				
307/115hp	WC	1112102	0 @ 1000 2 @ 1320 10 @ 2100 20 @ 4200	0 @ 6 15 @ 12	29 - 31	8	A/T
350/145hp	WF	1112168	0 @ 1000 2 @ 1300 10 @ 2600 20 @ 4200	0 @ 4 14 @ 7	29 - 31	8	Both
350/175hp	WJ	1112093	0 @ 1100 2 @ 1320 6 @ 1800 11 @ 2400 18 @ 4200	0 @ 6 15 @ 14	29 - 31	8	M/T
350/175hp	WJ	1112094	0 @ 1100 2 @ 1550 6 @ 2410 12 @ 3300 14 @ 4200	0 @ 6 15 @ 14	29 - 31	12	A/T
350/245hp	WK	1112148	0 @ 1200 2 @ 1460 12 @ 2200 20 @ 5000	0 @ 6 16 @ 12	29 - 31	8	both

Idle Speed:

250 - 700 MT / 600 AT

307 - 900 MT / 600 AT

350 - 900 MT / 600 AT

350 - 900 MT / 700 AT - Z28 245hp

1974 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/100hp	XU	1110499	0 @ 1000 24 @ 1500	0 @ 7 24 @ 15	31 - 34	6	Both
350/145hp	ZA	1112844	0 @ 1000 20 @ 4200	0 @ 3 14 @ 8	29 - 31	TDC (M/T) 8 (A/T)	Both
350/160hp	AZ	1112847	0 @ 1100 11 @ 2400 18 @ 4200	0 @ 3 14 @ 8	29 - 31	4 (M/T) 8 (A/T)	A/T
350/185hp	ZB	1112849	0 @ 1000 10 @ 1800	0 @ 3 14 @ 8	29 - 31	8 4 (M/T cal)	both

			15 @ 2400 22 @ 4200				
350/245hp	ZF	1112528	0 @ 1100 20 @ 5000	0 @ 6 14 @ 12	29 - 31	8	both

Idle Speed:

250 - 950 MT / 600 AT

350 - 900 MT / 600 AT

350 - 900 MT / 700 AT - Z28 245hp

1975 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/105hp		1110678	0 @ 1000 20 @ 4200	0 @ 4 23 @ 15	HEI	6 (m/t) 8 (A/T)	Both
350/145hp	AM	1112880	0 @ 1200 12 @ 2000 22 @ 4200	0 @ 4 18 @ 12	HEI	6	Both
350/155hp	AS	1112888	0 @ 1100 12 @ 1600 22 @ 4200	0 @ 4 18 @ 12	HEI	6	Both

Idle Speed:

250 - 850 MT / 550 AT

350 - 900 MT / 600 AT - 2bbl (Rochester 2GC)

350 - 800 MT / 600 AT - 4bbl (M4MCA)

1976 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/105hp		1110678	0 @ 1000 20 @ 4200	0 @ 4 23 @ 15	HEI	6 (m/t) 8 (A/T)	Both
305/140hp	LS	1112977	0 @ 1000 10 @ 1700 20 @ 3800	0 @ 4 18 @ 12	HEI	6 (M/T) 8 (A/T)	Both
350/165hp	LX	1112888	0 @ 1100 12 @ 1600 16 @ 2400 22 @ 4600	0 @ 4 18 @ 12	HEI	8	Both

Idle Speed:

250 - 850 MT / 550 AT

305 - 600 MT / 500 AT - 2bbl

350 - 800 MT / 600 AT - 4bbl (M4M)

1977 Ignition Settings (verified)

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/110hp		1110678	0 @ 1000 20 @ 4200	0 @ 4 23 @ 15	HEI	6 (m/t) 8 (A/T)	Both
305/140hp	AU	1103239	0 @ 1200 15 @ 2700 20 @ 4200	0 @ 4 15 @ 10	HEI	8	Both
350/170hp	AY	1103246	0 @ 1200 12 @ 2000 22 @ 4200	0 @ 4 18 @ 12	HEI	8	Both

Idle Speed:

250 - 850 MT / 550 AT

305 - 600 MT / 500 AT

350 - 700 MT / 500 AT

1978 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
250/110hp		1110678	0 @ 1000 20 @ 4200	0 @ 4 23 @ 15	HEI	6 (m/t) 8 (A/T)	Both
305/145hp	CW	1103281	0 @ 1000 10 @ 1700 20 @ 3800	0 @ 4 18 @ 12	HEI	4	M/T
305/145hp	CW	1103282	0 @ 1000 10 @ 1700 20 @ 3800	0 @ 4 20 @ 10	HEI	4	A/T
350/170hp	DT	1103353	0 @ 1100 12 @ 1600 16 @ 2400 22 @ 4600	0 @ 4 20 @ 10	HEI	6	both

Idle Speed:

250 - 850 MT / 550 AT

305 - 600 MT / 500 AT - 2bbl

350 - 800 MT / 600 AT - 4bbl (M4M)

1979 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
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250/110hp		1110678	0 @ 1000 20 @ 4200	0 @ 4 23 @ 15	HEI	6 (m/t) 8 (A/T)	Both
305/130hp	X9	1103281	0 @ 1000 10 @ 1700 20 @ 3800	0 @ 4 18 @ 12	HEI	4	M/T
305/130hp	X9	1103379	0 @ 1000 10 @ 1700 20 @ 3800	0 @ 3 20 @ 8.5	HEI	4	A/T
350/165hp	D7	1103353	0 @ 1100 12 @ 1600 16 @ 2400 22 @ 4600	0 @ 4 20 @ 10	HEI	6	both

Idle Speed:

250 - 850 MT / 550 AT

305 - 600 MT / 500 AT - 2bbl

350 - 800 MT / 600 AT - 4bbl (M4M)

1980 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
229/115hp		1110752	0 @ 1200 24 @ 4100	0 @ 3 16 @ 6.5	HEI	10	Both
267/120hp		1103421	0 @ 1200 22 @ 4400	0 @ 4 18 @ 12	HEI	4	Both
305/155hp	ZD	1103384	0 @ 800 20 @ 4000	0 @ 4 18 @ 12	HEI	4	M/T
305/155hp		1103386	0 @ 1000 20 @ 3800	0 @ 4 16 @ 8	HEI	4	A/T Cal
350/190hp	ZF	1103284	0 @ 1200 22 @ 4200	0 @ 4 18 @ 12	HEI	8	A/T
350/190hp	ZN	1103353	0 @ 1100 12 @ 1600 16 @ 2400 22 @ 4600	0 @ 4 20 @ 10	HEI	6	M/T

Idle Speed:

229 - see label

267 - 500 AT

305 - 700 MT / 500 AT - 2bbl

350 - 500 AT - 4bbl (M4M)

1981 Ignition Settings

Engine	Emissions Code	Distributor #	Centrifugal Advance <u>1</u>	Vacuum Advance <u>2</u>	Dwell <u>3</u>	Ignition Timing <u>4</u>	Trans Type
229/110hp		1110752	0 @ 1200 24 @ 4100	0 @ 3 16 @ 6.5	HEI	10	Both
267/115hp	ALK	1103443	0 @ 1200 22 @ 4400	0 @ 4 18 @ 12	HEI	6	A/T
305/150hp	ALS	1103443	0 @ 800 20 @ 4000	0 @ 4 18 @ 12	HEI	6	M/T
305/150hp	ALN	1103443	0 @ 1000 20 @ 3800	0 @ 4 16 @ 8	HEI	6	A/T
350/175hp	AVA	1103443	0 @ 1200 22 @ 4200	0 @ 4 18 @ 12	HEI	6	A/T

Idle Speed:

229 - see label

267 - 500 AT

305 - 700 MT / 500 AT - E2ME, 2bb1

350 - 500 AT - E4M, E4bb1

Note 1: Centrifugal advance crank degrees @ engine RPM.

Note 2: Vacuum advance crank degrees @ in hg

Note 3: Dwell angle degrees

Note 4: Ignition timing at engine idle degrees BTDC (with vacuum line disconnected)