

- 1 Requires screw-in studs & guide plates.
- 2 Requires machining on cylinder heads.
- 3 Valve spring oil shield available.
- 4 Requires .150" longer pushrod.
- 5 Pedestal style only (fits '74-'79).
- 6 Requires Bronze distributor gear.
- 7 Offset lifters available.
- 8 Stock springs cannot be used.
- 9 Fits only certain years.
- 10 50-State legal for '93 & earlier Chevy V6 200-229 c.i. C.A.R.B. E.O. #D-279-4.
- 11 Requires thrust button & wear plate.
- 12 92 & later w/non adjustable valve train cannot use non-stock base circle cams
- 13 Lifters only. Does not include valley pan or link bars.
- 14 Not for engines with balance shaft.
- 15 Hi-Tech pushrod kits available.
- 16 '88-'93 'Vette engines require COMP guide plate.
- 17 Lifters only, does not include lifter retainers or guides.
- 18 Longer pushrods may be required.
- 19 Hi-Tech Lite Lifters. No Chamfers.
- 20 10° steel retainer. Use with 611-16 locks.
- 21 10° Super Locks.
- 22 Requires machining on block.
- 23 Requires Bronze gear, thrust button & wear plate.
- 24 50-State legal on '93 & earlier S.B. Chevy 262-400 c.i. C.A.R.B. E.O. #D-279-4.
- 25 Steel welded core available.
- 26 50-State legal on '93 & earlier S.B. Chevy 262-400 c.i. C.A.R.B. E.O. #D-279-6.
- 27 For O.E equipped hydraulic rollers only.
- 28 Kits available. Contact CAM HELP® at 800-999-0853.
- 29 Lifters only.
- 30 LT1 and LT4 requires part #3206.
- 31 10° retainers use 611-16 locks.
- 32 Nonstandard lobe layout due to valve arrangement.
- 33 .180" offset on intake.
- 34 Truck engines have .400" taller block.
- 35 Mark V and Mark VI heads must use kit w/studs.
- 36 50-state legal for '93 & earlier B.B. V8, 396-454 c.i. C.A.R.B. E.O. #D-279-4.
- 37 K-Kit includes pushrods and cam button.
- 38 Tall block engines require part #4005.
- 39 For '81 engines originally equipped with hyd. lifters.
- 40 Fits '81-'87 models only.
- 41 Includes special shafts & spacers.
- 42 Special 10° 4 Groove Lock. Single Groove use part #612-16.
- 43 Offset Shafts available.
- 44 Includes special shafts & spacers.
- 45 1/2 set 2 groove; 1/2 set 4 groove.
- 46 413-440 c.i. use part #7432.
- 47 For 413-440 c.i. only, 383-400 use part #RP1421A-16.
- 48 Special 10° locks, 1/2 2 groove, 1/2 set 4 groove. Single groove use part #612-16.
- 49 Wear plates recommended.
- 50 3-Bolt core available. Change first 2 digits of part # to 23 .
- 51 May require cylinder head matching.
- 52 Other lifters & pushrod heights available.
- 53 Offset lifters available. Also for rev. kit applications.
- 54 Use part # 4028 with offset lifters.
- 55 These cams can only be used in 289-302 engines. NOT 302 H.O. blocks due to base circle size.
- 56 Requires Lifter installation kit #31-1000 for retro fit applications.
- 57 Pre-'72 engines use part #3220.
- 58 K-Kit also includes pushrod & lifter installation kit #31-1000 for retro fit applications.
- 59 Many year models.
- 60 Part #4504 studs required for '78-present.
- 61 '62-'69 use part # 7632-16.
- 62 Adjustable valve train required.
- 63 Pre-'68 use part # 831-16.
- 64 Magnum Roller Tip Rockers™ required.
- 65 Requires lifter installation kit # 35-1001 to install 851-16 lifters in blocks with O.E hyd. cams.
- 66 Kit includes installation kit #35-1001.
- 67 For 1.71:1 ratio use #RP1450-16.
- 68 For 1.71:1 ratio use #RP1453-16.
- 69 For 1.71:1 ratio use #RPM1453-16.
- 70 K-Kit for hyd. rollers also includes pushrod & lifter installation kit #31-1000 for retro fit applications.
- 71 These cam can only be used in actual 351W engines due to base circle size.
- 72 Fits only certain heads.
- 73 Most '79-'82 engines have single groove valves, use part #601-16 locks & #743-16 retainers.
- 74 For engines with single-groove valves, use #611-16 locks.
- 75 Cams can only be used in 351C, 351M-400M due to base circle size.
- 76 K-Kit includes pushrods for 351C.
- 77 K-Kit DOES NOT include pushrods for 351M-400M.
- 78 Includes Lifter installation kit #31-1000 for retro fit applications.
- 79 Fits only 302/351C Boss & SVO heads.
- 80 For engines with multi-groove valves, use part #624-16 locks. CAN NOT be used with lash caps.
- 81 Includes special rockers & shafts part #1047-2.
- 82 Includes special shafts.
- 83 Use screw in studs & guide plates. May require longer pushrods.
- 84 Pedestal mount.
- 85 Olds 400-455 use part #7582-16.
- 86 Olds 260-403 use part #7842-16.
- 87 For 260-403 engines only. 455 use kit #1442.
- 88 High Energy™ Rocker Arms.
- 89 265-301 use part # 864-16.
- 90 Special Design (NOT a Chevy part).
- 91 1.65:1 ratio available.
- 92 Fits only 350-455.
- 93 Pacaloy® spring.
- 94 Kit includes cam, lifters, retainers, locks, seals, timing set, valve springs, pushrods, and some kits include lifter guides, plates and bolts.
- 95 Includes 3 cam bolts, thrust bearing & washers, special adjustable cam timing system, 2 machined steel gears and true roller race chain.
- 96 Lightweight Titanium Retainer.
- 97 .065" x 3/8 Diameter Hi-Tech, check for proper length.
- 98 50 State Legal for '87 & earlier carbureted V-8 Small Block Chevy 262-400 C.A.R.B. E.O. #D-279-3, D-279-5, D-279-6.
- 99 Requires hardened guide plate.
- 1A Camshaft retaining plate #3120TB recommended.
- 2A Pushrod length may vary depending on combination, check for proper length.
- 3A Kit contains springs, retainers and valve locks.
- 4A Cannot be used with lash caps.
- 5A Engines with self-aligning rocker arms must use part #1417-16 or 1317-16.
- 6A Engines with self-aligning rocker arms must use part #RP1417-16.
- 7A These specs are measured with a stock length valve and .010" lash between the cam and follower.
- 8A These specs are measured with a .060" longer than stock valve and .010" lash between the cam and follower.
- 9A Does not fit 250 c.i. engines.
- 1B O.E. style pedestal mount roller rockers available. Part #1052-16 for 1.6:1 ratio. Part #1054-16 for 1.7:1 ratio.
- 2B For 351M and 400M engines, use part #7824-16 pushrods on retro-fit cams.
- 3B Lightweight HTL lifter available.
- 4B If equipped with studs and guide plates use part #1442-16.
- 5B Use part # 843-16 to oil through pushrods.
- 6B K-Kit includes 4514-KIT rocker arm adjusting kit and pushrods.
- 7B Requires part # 4514-KIT.
- 8B Engines with self-aligning rocker arms must use part #1417-12 or 1317-16.
- 9B Requires 7/16" rocker arm studs.
- 1C Works with two-piece fuel pump eccentric.

HARLEY-DAVIDSON® EVOLUTION® V-TWIN 1984-1998

APPLICATION/CAMSHAFTS		VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION @ .053"		VALVE LIFT W/1.625 ROCKER		LOBE SEPARATION ANGLE
		IN.	EX.				IN.	EX.	IN.	EX.	
HYDRAULIC ROLLER-Excellent bolt-in cam for stock replacement. Good flat torque curve with more power than stock.	3	Hyd	Hyd	800 to 4800	30-2000 ^A 30-2000NG	N/A	220	214	.480	.456	108°
HYDRAULIC ROLLER-Bolt-in cam with good low & mid-range power for fuel injected bangers.	3	Hyd	Hyd	1200 to 5200	30-2015 ^A 30-2015NG	N/A	224	234	.500	.500	103°
HYDRAULIC ROLLER-Bolt-in cam with good low end torque for heavy bikes, two up riding, trailer pulling.	3	Hyd	Hyd	1500 to 5500	30-3000 ^A 30-3000NG	N/A	224	224	.500	.500	102°
HYDRAULIC ROLLER-Good stock replacement for 80 C.I. engines. Good low end torque and mid-range in heavy or light bikes.	3	Hyd	Hyd	1500 to 5800	30-3010 ^A 30-3010NG	N/A	234	234	.500	.500	102°
HYDRAULIC ROLLER-Bolt-in for 80 C.I. engines, strong mid-range & upper end power with stock heads.	3	Hyd	Hyd	1800 to 6000	30-3020 ^A 30-3020NG	N/A	240	240	.500	.500	102°
HYDRAULIC ROLLER-Good in 80-88 C.I. engines with up to 10:1 compression. More mid-range and upper end power.	3	Hyd	Hyd	2000 to 6300	30-3030 ^A 30-3030NG	N/A	240	240	.530	.530	104°
HYDRAULIC ROLLER-Split duration cam for light bikes with 80-88 C.I. engines, with more mid and upper end power than the 3030.	3	Hyd	Hyd	2500 to 6500	30-3040 ^A 30-3040NG	N/A	242	252	.510	.510	104°
HYDRAULIC ROLLER-Good performance cam in light bikes. Pulls hard in upper end. Likes pipes, carb. and 9:1 to 10:1 and up compression.	3	Hyd	Hyd	3000 to 7000	30-3050 ^A 30-3050NG	N/A	252	252	.510	.510	104°
HYDRAULIC ROLLER-Hot Street / Strip cam. Needs pipes, carburetor, and 10:1 compression. 88 C.I. and larger engine.	3	Hyd	Hyd	3000 to 7000+	30-3060 ^A 30-3060NG	N/A	260	270	.585	.585	106°
HYDRAULIC ROLLER-Serious cam for top-end power. Needs good heads, pipes & carburetor. Best in 88 C.I. and larger engine with 11:1 up compression.	3	Hyd	Hyd	3200 to 7500	30-3070 ^A 30-3070NG	N/A	270	274	.608	.608	106°

HARLEY-DAVIDSON® SHOVELHEAD® V-TWIN 1970-1984

HYDRAULIC ROLLER-Bolt in cam with strong low end power. Good mid-range.	3	Hyd	Hyd	1500 to 5500	78-4000 ^{AB} 78-4001 ^{AC}	N/A	236	236	.450	.450	104°
HYDRAULIC ROLLER-Valve springs required. More lift and power than the 4000/4001.	3	Hyd	Hyd	1800 to 5700	78-4010 ^{AB} 78-4011 ^{AC}	N/A	236	236	.485	.485	104°
HYDRAULIC ROLLER-Valve springs required. Good low end. Increased midrange.	3	Hyd	Hyd	1800 to 5800	78-4020 ^{AB} 78-4021 ^{AC}	N/A	242	242	.485	.485	104°
HYDRAULIC ROLLER-Valve springs required. Hot street cam for strokers. 74-80 C.I. engines. Likes carb, pipes, and increased compression.	3	Hyd	Hyd	2000 to 6000	78-4030 ^{AB} 78-4031 ^{AC}	N/A	252	252	.485	.485	104°
HYDRAULIC ROLLER-Good split duration cam for 74-80 inch engines with carb, and pipes.	3	Hyd	Hyd	2200 to 5800	78-4040 ^{AB} 78-4041 ^{AC}	N/A	242	252	.485	.485	104°
HYDRAULIC ROLLER-Very hot cam for Street or Drag. Likes big engines, carb. pipes. Increased compression a must. 84-96 inch strokers.	3	Hyd	Hyd	3000 to 7000	78-4070 ^{AB} 78-4071 ^{AC}	N/A	260	270	.550	.550	106°

Footnotes : Harley Davidson Camshafts Only:

A - For a camshaft with NO timing gear simply add NG to the end of the part number.

B - For 1978-1984 Models

C - For 1970-1977 Models

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.



RECOMMENDED KITS AND COMPONENTS

HARLEY-DAVIDSON® EVOLUTION® V-TWIN 1984-1998

BLACK LIFTER SET	CHROME LIFTER SET	ROCKER ARMS	PUSH RODS	VALVE SPRING KIT	RETAINERS	VALVE LOCKS	SPRING SEATS
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9700-KIT	740-4	618-4	4770-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9700-KIT	740-4	618-4	4770-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9700-KIT	740-4	618-4	4770-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9700-KIT	740-4	618-4	4770-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9702-KIT	749-4	617-4	4772-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9702-KIT	749-4 STEEL 727-4 TITAN.	617-4	4772-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9702-KIT	749-4 STEEL 727-4 TITAN.	617-4	4772-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9702-KIT	749-4 STEEL 727-4 TITAN.	617-4	4772-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9800-KIT	732-4 TITAN.	618-4	4770-4
7000-KIT ^{D,H}	7500-KIT ^{E,H}	VT7008-KIT	7002-KIT ^{F,G}	9900-KIT	732-4 TITAN.	618-4	4770-4

HARLEY-DAVIDSON® SHOVELHEAD® V-TWIN 1970-1984

8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A
8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A
8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A
8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A
8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A
8000-KIT ^I	8500-KIT ^I	N/A	8002-KIT	N/A	N/A	N/A	N/A

Footnotes : Harley Davidson Camshafts Only:

D - Use part number 7100-KIT for stroker engines

E - Use part number 7600-KIT for stroker engines

F - For stroker engines with COMP Cams lifter, use part number 7002S-KIT.

Footnotes : Harley Davidson Camshafts Only:

G - For standard engines with stock lifters, use 7002R-KIT.

H - Kits include lifters, lifter blocks, pushrods, chrome pushrod tubes and seals and an installation video.

I - Kits include lifters, lifter blocks, pushrods, and seals and an installation video.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

RED NUMBERS ARE THE PREMIUM CHOICE.

CAMSHAFTS



HOLDEN 252-308 C.I. 8 CYL. 1970-1988

APPLICATION/CAMSHAFTS	VALVE SETTING			RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
	IN.	EX.	ADVERTISED IN.				EX.	@ .050" IN.	EX.	W/1.5 ROCKER IN.	EX.		
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Low end power, strong torque and good mileage for sedans. Best for 304 with stock transmission.	3	Hyd.	Hyd.	800 to 4800	82-205-4	252H	252	252	206	206	.433	.433	110°
HYDRAULIC-Best cam for towing, hauling, and heavy duty usage. Lots of useable torque.	3	Hyd.	Hyd.	1200 to 5200	82-206-4	260H	260	260	212	212	.447	.447	110°
HYDRAULIC-High performance cam. Best in large engine with manual transmission. Noticeable idle.	3	Hyd.	Hyd.	1500 to 5500	82-210-4	268H	268	268	218	218	.456	.456	110°
MAGNUM™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Best in Street Machine. Broad power band. 2500 stall, 9.5:1 compression and headers. Rough idle	3	Hyd.	Hyd.	2000 to 6000	82-212-4	280H	280	280	230	230	.490	.490	110°
HYDRAULIC-Street / Strip, use 3500 stall or 4-speed with 4.10 gear and 10.5:1 compression, very rough idle.	3	Hyd.	Hyd.	2500 to 6500	82-213-4	292H	292	292	244	244	.518	.518	110°

INTERNATIONAL HARVESTER 304-392 C.I. 8CYL. 1970-1978

APPLICATION/CAMSHAFTS			VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
			IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.5 ROCKER IN.	EX.	
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts														
HYDRAULIC-Low end power, strong torque, good mileage, best for 304 with stock transmission.	3	Hyd.	Hyd.	800 to 4500	83-200-4	252H	252	252	206	206	.425	.425	110°	
HYDRAULIC-Best cam for towing, hauling and heavy duty usage, lots of torque.	3	Hyd.	Hyd.	1000 to 5000	83-201-4	260H	260	260	212	212	.440	.440	110°	
HYDRAULIC-Hi-Performance cam. Best in large engine with manual transmission. Noticeable idle	3	Hyd.	Hyd.	1200 to 5200	83-202-4	268H	268	268	218	218	.454	.454	110°	



RECOMMENDED KITS AND COMPONENTS

HOLDEN 252-308 C.I. 8 CYL. 1970-1988

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	7869-16	980-16 981-16	742-16 ³	601-16	501-16
N/A	N/A	N/A	N/A	N/A	N/A	N/A	7869-16	980-16 981-16	742-16 ³	601-16	501-16
N/A	N/A	N/A	N/A	N/A	N/A	N/A	7869-16	981-16	742-16 ³	601-16	501-16
N/A	N/A	N/A	N/A	N/A	N/A	N/A	7775-16	986-16	740-16 ³	611-16	503-16 ²
N/A	N/A	N/A	N/A	N/A	N/A	N/A	7775-16	986-16	740-16 ³	611-16	503-16 ²

INTERNATIONAL HARVESTER 304-392 C.I. 8CYL. 1970-1978

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K83-200-4	SK83-200-4	CL83-200-4	N/A	855-16	3225	N/A	page 274	961-16	N/A	603-16	504-16
K83-201-4	SK83-201-4	CL83-201-4	N/A	855-16	3225	N/A	page 274	961-16	N/A	603-16	504-16
K83-202-4	SK83-202-4 ⁸	CL83-202-4 ⁸	N/A	855-16	3225	N/A	page 274	961-16	N/A	603-16	504-16

RED NUMBERS ARE THE PREMIUM CHOICE.

Footnotes: Master Footnote index on page 28.

2 - Requires machining on cylinder heads.

3 - Valve spring oil shield available

8 - Stock springs cannot be used.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



HONDA D16Z6 1.6 LITER SOHC 4 CYL. W/ VTEC

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	DURATION								
	IN.	EX.			ADVERTISED				@ .050"				
					VTEC	PRI. IN	SEC. IN	EX	VTEC	PRI. IN	SEC. IN	EX	
QUIKTYME™ CAMS													
Great street cam for increased power and torque with efficiency. Works with stock components.	3	.005".007"	.008".010"	2000 to 6700	59100	256	228	232	252	214	186	190	210
Best performance cam available. Large increases above stock cam from off idle to the rev limiter. Excellent high RPM power.	3	.005".007"	.010".014"	2000 to 7200	59300	260	232	236	268	220	190	194	216

HONDA / ACURA TWIN CAM VTEC B16A, B17A, B18C, B18C5 1992-2000

APPLICATION/CAMSHAFTS	VALVE SETTING RANGE	RPM OPERATING RANGE	CAMSHAFT PAIR NUMBER	CAM ID	DURATION						
					ADVERTISED			@.050"			
					VTEC	PRI. IN	SEC. IN	VTEC	PRI. IN	SEC. IN	
QUIKTYME™ CAMS											
Great street cam for increased power and torque with efficiency. Works with stock components.	3	.006"- .008"	2000 to		INTAKE	282	252	240	240	210	194
		.010"- .012"	8200	57100	EXHAUST	286	256	240	240	210	194
Best performance cam available. Large increases above stock cam from off idle to the rev limiter. Excellent high RPM power.	3	.006"- .008"	2400 to		INTAKE	292	256	244	250	214	198
		.010"- .012"	8600	57200	EXHAUST	296	260	244	250	214	198
Pro Street / Bracket Racing, Excellent mid-range to top end power for serious performers. Excellent high RPM power.	3	.006"- .008"	2600 to		INTAKE	302	260	248	260	218	202
		.010"- .012"	9000	57300	EXHAUST	306	264	248	260	218	202



RECOMMENDED KITS AND COMPONENTS

1992-1995 CIVIC EX, 1993-1995 DEL SOL SI

LOBE LIFT				VALVE LIFT				CENTERLINE				ADJUSTABLE TIMING GEAR	VALVE SPRINGS	TITANIUM RET.	CAMSHAFT BREAK-IN LUBE
VTEC	PRI. IN	SEC. IN	EX	VTEC	PRI. IN	SEC. IN	EX	VTEC	PRI. IN	SEC. IN	EX				
.267"	.179"	.188"	.220"	.440	.285	.300	.400	103°	111°	115°	111°	TBA	912-16	753-16	159
.276"	.188"	.194"	.236"	.455	.300	.310	.430	107°	111°	115°	111°	TBA	912-16	753-16	159

HONDA / ACURA TWIN CAM VTEC B16A, B17A, B18C, B18C5 1992-2000

LOBE LIFT			VALVE LIFT			CENTERLINE			ADJUSTABLE TIMING GEAR	VALVE SPRINGS	TITANIUM RET.	CAMSHAFT BREAK-IN LUBE
VTEC	PRI. IN	SEC. IN	VTEC	PRI. IN	SEC. IN	VTEC	PRI. IN	SEC. IN				
.310"	.237"	.186"	.490"	.360"	.270"	109 °	112°	114°	TBA	913-16	760-16	159
.297"	.230"	.186"	.470"	.350"	.270"	112 °	112°	110°	TBA	913-16	760-16	159
.316"	.250"	.186"	.500"	.380"	.270"	109 °	112°	114°	TBA	913-16	760-16	159
.304"	.243"	.186"	.480"	.370"	.270"	112 °	112°	110°	TBA	913-16	760-16	159
.322"	.263"	.186"	.510"	.400"	.270"	109 °	112°	114°	TBA	913-16	760-16	159
.310"	.257"	.186"	.490"	.390"	.270"	112 °	112°	110°	TBA	913-16	760-16	159

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



NISSAN 2400-2800CC 4 CYL. 1970-1984

APPLICATION/CAMSHAFTS		VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
		IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	IN.	EX.	
HIGH ENERGY™ Mechanical Flat Tappet Camshafts													
SOLID-Power and torque improvement. Good OEM Replacement	3	.008	.008	500 to 4500	84-115-4	240S	240	240	194	194	.400	.400	110°
SOLID-Better torque and power than OEM cam, but smooth and efficient. Smooth idle.	3	.008	.008	800 to 4800	84-119-4	252S	252	252	204	204	.410	.410	110°
SOLID-Street performance use. Smooth idle. Wide power band.	3	.010	.010	1000 to 5000	84-123-4	260S	260	260	214	214	.420	.420	110°
MAGNUM™ Mechanical Flat Tappet Camshafts													
SOLID-Serious street use or mild road Racing. Strong mid-range with good top end.	3	.012	.012	2000 to 6000	84-131-4	280S	280	280	236	236	.460	.460	110°
SOLID-Best cam for serious road Racing. Strong top end power.	3	.012	.012	2500 to 6500	84-135-4	292S	292	292	246	246	.480	.480	110°

NISSAN Z20, Z22, Z24 4 CYL. 1981-1989

APPLICATION/CAMSHAFTS		VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
		IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.6 ROCKER IN.	EX.	
HIGH ENERGY™ Mechanical Flat Tappet Camshafts													
SOLID-Good cam to replace OEM grinds. Improved torque and power. Best in low RPMs.	3	.010	.010	800 to 4500	88-119-4	252S	252	252	208	208	.422	.422	110°
SOLID-High performance cam for street driving. Good power in mid-range.	3	.010	.010	1000 to 4800	88-123-4	260S	260	260	214	214	.420	.420	110°

NISSAN 1595-1952CC L16,18,20B 4 CYL. 1969-1980

APPLICATION/CAMSHAFTS			VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
			IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	IN.	EX.	
HIGH ENERGY™ Mechanical Flat Tappet Camshafts														
SOLID-Improved torque and power over OEM. Good replacement cam for rebuild.	3	.008	.008	500 to 4500	79-115-4	240S	240	240	194	194	.400	.400	110°	
SOLID-Smooth and efficient, with better torque and power than OEM cams.	3	.008	.008	800 to 4800	79-119-4	252S	252	252	204	204	.400	.410	110°	
SOLID-Mild street performance, wide powerband. Strong mid-range, smooth idle.	3	.008	.008	1000 to 5000	79-123-4	260S	260	260	214	214	.420	.420	110°	
SOLID-Strong power for high performance street use. Great for manual transmission.	3	.010	.010	1500 to 5500	79-127-4	268S	268	268	222	222	.420	.420	110°	
SOLID-Good midrange torque and power. Serious street use.	3	.012	.012	2000 to 6000	79-131-4	280S	280	280	236	236	.460	.460	110°	
SOLID-Race type cam. Serious street use. Works well for high RPM power.	3	.012	.012	2500 to 6500	79-135-4	292S	292	292	246	246	.480	.480	110°	



RECOMMENDED KITS AND COMPONENTS

NISSAN 2400-2800CC 4 CYL. 1970-1984

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NISSAN Z20, Z22, Z24 4 CYL. 1981-1989

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NISSAN 1595-1952CC L16,18,20B 4 CYL. 1969-1980

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CAMSHAFTS



NISSAN SR20DE DOHC 4 CYL. 1989-1999

APPLICATION/CAMSHAFTS			VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		CENTERLINE	
			IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.6 ROCKER IN.	EX.	INTAKE	EXHAUST
QUIKTYME™ Hydraulic Flat Tappet Camshafts															
HYDRAULIC-Better than OEM grind, works with all stock components. Very smooth, great throttle response. Includes both Intake and Exhaust cams.	3	Hyd.	Hyd.	1500 to 5800	58100	264A	264	274	202	210	.440	.440	108°	113°	
HYDRAULIC-Good for Street and Strip, best all around performance, needs aftermarket springs. Includes Intake and Exhaust cams.	3	Hyd.	Hyd.	2000 to 6000	58200	268A	268	278	206	214	.450	.454	108°	116°	
HYDRAULIC-Good for Street and Strip when using nitrous, needs aftermarket springs. Includes Intake and Exhaust cams.	3	Hyd.	Hyd.	2500 to 6200	58300	268B	268	286	206	222	.450	.460	118°	118°	
HYDRAULIC-Works well in normally aspirated modified engine. Needs good springs. Includes Intake and Exhaust cams.	3	Hyd.	Hyd.	2200 to 6200	58400	272A	272	282	210	218	.452	.454	110°	118°	
HYDRAULIC-Street / Strip applications with nitrous. Needs aftermarket springs. Includes Intake and Exhaust cams.	3	Hyd.	Hyd.	2500 to 6700	58500	272B	272	290	210	226	.452	.460	118°	118°	

OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE	
	IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.6 ROCKER IN.	EX.		
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Ideal for family sedans. Good low end torque and economy, smooth idle.	3	Hyd.	Hyd.	800 to 4800	42-227-4	252H	252	252	206	206	.433	.433	110°
HYDRAULIC-Excellent power for towing. Good performance with highway gears, smooth idle.	3	Hyd.	Hyd.	1200 to 5200	42-228-4	260H	260	260	212	212	.447	.447	110°
HYDRAULIC-Performance camshaft for mild Street Machines. Broad power, noticeable idle.	3	Hyd.	Hyd.	1500 to 5500	42-229-4	268H	268	268	218	218	.456	.456	110°
DUAL ENERGY™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Good torque and mileage, great RV and towing cam.	3	Hyd.	Hyd.	1000 to 5000	42-207-4	255DEH	255	263	203	215	.433	.467	110°
HYDRAULIC-Strong mid-range, everyday performance for stock exhaust.	3	Hyd.	Hyd.	1200 to 5500	42-208-4	265DEH	265	273	211	223	.472	.486	110°
HYDRAULIC-High performance street, great power, works with stock converter.	3	Hyd.	Hyd.	1500 to 5800	42-210-4	275DEH	275	282	219	233	.476	.508	110°

Tech Note: 1967-1964 330, 400, and 425 engines are 45° Lifter bank angles. We can grind Hydraulic and Solid Lifter Cams to this configuration. Sorry no Roller Cams are currently available.



RECOMMENDED KITS AND COMPONENTS

NISSAN SR20DE DOHC 4 CYL. 1989-1999

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	RETAINER	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	909-16	757-16	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	909-16	757-16	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	909-16	757-16	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	909-16	757-16	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	909-16	757-16	N/A	N/A

OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K42-227-4	SK42-227-4	CL42-227-4	1441-Kit ⁸⁷	852-16	3213 2113	1242-16	7842-16 ^{85,2A}	901-16	743-16 ³	601-16	502-16
K42-228-4	SK42-228-4	CL42-228-4	1441-Kit ⁸⁷	852-16	3213 2113	1242-16	7842-16 ^{85,2A}	901-16	743-16 ³	601-16	502-16
K42-229-4	SK42-229-4 ⁸	CL42-229-4 ⁸	1441-Kit ⁸⁷	852-16	3213 2113	1441-16 ⁸⁷	7842-16 ^{85,2A}	901-16	743-16 ³	601-16	502-16
K42-207-4	SK42-207-4 ⁸	CL42-207-4 ⁸	1441-Kit ⁸⁷	852-16	3213 2113	1441-16 ⁸⁷	7842-16 ^{85,2A}	901-16	743-16 ³	601-16	502-16
K42-208-4	SK42-208-4 ⁸	CL42-208-4 ⁸	1441-Kit ⁸⁷	852-16	3213 2113	1441-16 ⁸⁷	7842-16 ^{85,2A}	901-16	743-16 ³	601-16	502-16
K42-210-4	SK42-210-4 ⁸	CL42-210-4 ⁸	1441-Kit ⁸⁷	852-16	3213 2113	1441-16 ⁸⁷	7842-16 ^{85,2A}	995-16 ²	743-16 ³	601-16	502-16

Footnotes: Master Footnote index on page 28.

3 - Valve spring oil shield available.

8 - Stock springs cannot be used.

85 - Olds 400-455 use #7582-16.

87 - For 260-403 engines only. 455 use kit #1442.

2A - Pushrod length may vary depending on combination, check for proper length.

WHEN REPLACING STOCK ROTATORS CHECK INSTALLED HEIGHT

RED NUMBERS ARE THE PREMIUM CHOICE.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

APPLICATION/CAMSHAFTS			VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
			IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.6 ROCKER IN.	EX.	
MAGNUM™ Hydraulic Flat Tappet Camshafts														
HYDRAULIC-Great performance with stock converter. Needs low gear in small engines, likes headers. Mild rough idle	3	Hyd.	Hyd.	1800 to 5800	42-308-4	270H	270	270	224	224	.501	.501	110°	
HYDRAULIC-Good for Street Machine with mild stall. Use headers and lower gears. Rough idle.	3	Hyd.	Hyd.	2000 to 6000	42-231-4	280H	280	280	230	230	.490	.490	110°	
HYDRAULIC-Street / Strip, 3000+ stall, with aftermarket manifolds, lower gears, increased compression. Very rough idle.	3	Hyd.	Hyd.	2500 to 6500	42-236-4	292H	292	292	244	244	.518	.518	110°	
HYDRAULIC-Pro Street / Bracket Race cam, good for large engines with 3500 stall and low gears. Radical idle.	3	Hyd.	Hyd.	3000 to 6800	42-237-4	305H	305	305	253	253	.540	.540	110°	
XTREME ENERGY™ Hydraulic Flat Tappet and Hydraulic Roller Camshafts														
HYDRAULIC-Very strong torque excellent mileage, smooth idle.	3	Hyd.	Hyd.	600 to 4800	42-220-4	XE250H	250	260	206	212	.443	.448	110°	
HYDRAULIC-Strong torque through low end and mid-range, good idle.	3	Hyd.	Hyd.	1000 to 5200	42-221-4	XE256H	256	268	212	218	.453	.456	110°	
HYDRAULIC-Excellent response, good mileage, Stock converter mild gear.	3	Hyd.	Hyd.	1200 to 5600	42-222-4	XE262H	262	274	218	224	.475	.480	110°	
HYDRAULIC-Good for Street Machines, slightly rough idle.	3	Hyd.	Hyd.	1600 to 5800	42-223-4	XE268H	268	280	224	230	.485	.490	110°	
HYDRAULIC-Hi Performance street, very strong mid-range, headers and mild stall.	3	Hyd.	Hyd.	1800 to 6000	42-224-4	XE274H	274	286	230	236	.520	.523	110°	
HYDRAULIC-Street / Strip, needs 9:1 comp. 2800+ stall, headers, gears, rough idle.	3	Hyd.	Hyd.	2300 to 6500	42-225-4	XE284H	284	296	240	246	.541	.544	110°	
HYDRAULIC-Pro Street / Bracket, good intake, headers, gear, 3200 stall.	3	Hyd.	Hyd.	2800 to 6800	42-226-4	XE294H	294	306	250	256	.554	.558	110°	
HYDRAULIC ROLLER-Daily driver, strong torque, smooth idle.	3	Hyd.	Hyd.	1000 to 5000	42-413-9°	XR262HR	262	268	210	216	.505	.505	110°	
HYDRAULIC ROLLER-Great for street machines, needs headers, low gears, and 2200 stall.	3	Hyd.	Hyd.	1800 to 5600	42-423-9°	XR276HR	276	282	224	230	.505	.505	110°	
HYDRAULIC ROLLER-Rough idle, needs 2800+ stall, lower gears and 9.5:1 compression.	3	Hyd.	Hyd.	2200 to 6000	42-433-9°	XR290HR	290	296	236	242	.515	.533	110°	

Tech Note: 1967-1964 330, 400, and 425 engines are 45° Lifter bank angles. We can grind Hydraulic and Solid Lifter Cams to this configuration. Sorry no Roller Cams are currently available.

Footnotes: Master Footnote index on page 28.

6 - Requires Bronze distributor gear.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.



RECOMMENDED KITS AND COMPONENTS

OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K42-308-4	SK42-308-4 ⁸	CL42-308-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³	611-16	503-16 ²
K42-231-4	SK42-231-4 ⁸	CL42-231-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³	611-16	503-16 ²
K42-236-4	SK42-236-4 ⁸	CL42-236-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ² 730-16	740-16 ³	611-16	503-16 ²
K42-237-4	SK42-237-4 ⁸	CL42-237-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ² 730-16	740-16 ³	611-16	503-16 ²
K42-220-4	SK42-220-4	CL42-220-4	1441-Kit ⁸⁷	852-16 863-16	3213 2113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	901-16 995-16	743-16 740-16 ³	601-16 611-16	502-16 503-16 ²
K42-221-4	SK42-221-4 ⁸	CL42-221-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	3213 2113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	901-16 995-16	743-16 740-16 ³	601-16 611-16	502-16 503-16 ²
K42-222-4	SK42-222-4 ⁸	CL42-222-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	3213 2113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	901-16 995-16	743-16 740-16 ³	601-16 611-16	502-16 503-16 ²
K42-223-4	SK42-223-4 ⁸	CL42-223-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-224-4	SK42-224-4 ⁸	CL42-224-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-225-4	SK42-225-4 ⁸	CL42-225-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-226-4	SK42-226-4 ⁸	CL42-226-4 ⁸	1441-Kit ⁸⁷	852-16 863-16	2113 3113	1441-16 ⁸⁷ 1044-16	7842-16 ^{85,2A} 7131-16 ^{2A}	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-413-9 ⁶	SK42-413-9 ^{8,6}	CL42-413-9 ⁸	N/A	857-16	2113 3113	1441-16 ⁸⁷ 1044-16	page 271	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-423-9 ⁶	SK42-423-9 ^{8,6}	CL42-423-9 ⁸	N/A	857-16	2113 3113	1441-16 ⁸⁷ 1044-16	page 271	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²
K42-433-9 ⁶	SK42-433-9 ^{8,6}	CL42-433-9 ⁸	N/A	857-16	2113 3113	1441-16 ⁸⁷ 1044-16	page 271	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²

Footnotes: Master Footnote index on page 28.

- 1 - Requires screw-in studs & guide plates.
- 2 - Requires machining on cylinder heads.
- 3 - Valve spring oil shield available.
- 8 - Stock springs cannot be used.
- 6 - Requires Bronze distributor gear.
- 62 - Adjustable valve train required.

- 85 - Olds 400-455 use #7582-16.
- 86 - Olds 260-403 use #7842-16.
- 87 - For 260-403 engines only. 455 use kit #1442.
- 2A - Pushrod length may vary depending on combination, check for proper length.

RED NUMBERS ARE THE PREMIUM CHOICE.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

1.800.999.0853 www.compcams.com FAX 901.366.1807

CAMSHAFTS



OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE	
	IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.6 ROCKER IN.	EX.		
DRAG RACE Hydraulic Flat Tappet and Mechanical Flat Tappet Camshafts													
HYDRAULIC-Great for 350 with 4000 stall, or 400-455 with 3500 stall.	3	Hyd.	Hyd.	3500 to 6800	42-238-5	312H-10	312-6	312-6	260	260	.565	.565	110°
HYDRAULIC-Works best in 400 or larger engines with 4000 stall or 4 speed.	3	Hyd.	Hyd.	3800 to 7200	42-239-5	320H-10	320-9	320-9	268	268	.565	.565	110°
SOLID-Great torque in full body car with 400 and 3500 stall.	3	.026	.028	3500 to 6500	42-655-5	285B-8	285-1	294-1	250	256	.568	.545	108°
SOLID-Good in 400-455 with 4000 stall. Good power range.	3	.026	.028	4000 to 7000	42-656-5	300B-6	300-1	314-1	265	276	.600	.594	106°
MARINE Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Best cam for economy and improved power. Skiing and pleasure boating.	3	Hyd.	Hyd.	1500 to 5500	42-229-4	268H	268-5	268-5	218	218	.456	.456	110°
HYDRAULIC-Great cam for 455 jet boat with A or B impeller. Performance and skiing.	3	Hyd.	Hyd.	2000 to 6000	42-231-4	280H	280-3	280-3	230	230	.490	.490	110°
HYDRAULIC-Performance cam for B impeller in jet boat. River or Bracket Racing.	3	Hyd.	Hyd.	2500 to 6500	42-236-4	292H	292-3	292-3	244	244	.518	.518	110°

Tech Note: 1967-1964 330, 400, and 425 engines are 45° Lifter bank angles. We can grind Hydraulic and Solid Lifter Cams to this configuration. Sorry no Roller Cams are currently available.



RECOMMENDED KITS AND COMPONENTS

OLDSMOBILE 260-455 C.I. 8 CYL. 1967-1990

LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	RETAINERS	VALVE LOCKS	VALVE SEALS	LASH CAPS	REV. KIT	DIST. GEARS	STUD GIRDLES
863-16 ⁶²	3113 3113KT	1044-16 ¹	7582-16 ⁸⁶	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A
863-16 ⁶²	3113 3113KT	1044-16 ¹	7582-16 ⁸⁶	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A
813-16 ⁶² 807-16 ^{62,19}	3113 3113KT	1044-16 ¹	7582-16 ⁸⁶	950-16 ² 26094-16	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A
813-16 ⁶² 807-16 ^{62,19}	3113 3113KT	1044-16 ¹	7582-16 ⁸⁶	950-16 ² 26094-16	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A
852-16	2113 3113	1441-Kit ⁸⁷	7582-16 ⁸⁶	901-16 995-16 ²	740-16 ³ 730-16	611-16	502-16 503-16 ²	621-16	N/A	N/A	N/A
852-16 863-16 ⁶²	2113 3113	1441-Kit ⁸⁷	7582-16 ⁸⁶	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A
863-16 ⁶²	2113 3113	1441-Kit ⁸⁷	7582-16 ⁸⁶	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	N/A

Footnotes: Master Footnote index on page 28.

- 1- Requires screw-in studs & guide plates.
- 2- Requires machining on cylinder heads.
- 3- Valve spring oil shield available.
- 6- Requires Bronze distributor gear.
- 19- Hi-Tech Lite Lifters. No Chamfers.
- 62- Adjustable valve train required.

- 85- Olds 400-455 use #7582-16.
- 86- Olds 260-403 use #7842-16.
- 87- For 260-403 engines only. 455 use kit #1442.
- 2A- Pushrod length may vary depending on combination, check for proper length.

RED NUMBERS ARE THE PREMIUM CHOICE.

1.800.999.0853 www.compcams.com FAX 901.366.1807

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



PONTIAC 151 C.I. (2.5L IRON DUKE) 4 CYL. 1978-1989

APPLICATION/CAMSHAFTS			VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
			IN.	EX.				ADVERTISED IN.		EX.	@ .050"	EX.	W/1.75 ROCKER IN.	
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts														
HYDRAULIC-Our best cam for economy. Excellent torque, good OEM replacement	3	Hyd.	Hyd.	500 to 4500	52-115-4	240H	240	248	192	200	.455	.455	108°	
HYDRAULIC-Good torque and power with smooth idle. Strong increase over stock cam.	3	Hyd.	Hyd.	800 to 4800	52-119-4	252H	252	252	206	206	.474	.474	110°	
HYDRAULIC-Good combination of torque and power. Performance Street driving.	3	Hyd.	Hyd.	1200 to 5200	52-123-4	260H	260	260	212	212	.489	.489	110°	
HIGH TECH™ Mechanical Flat Tappet Camshafts														
SOLID-Oval Track/Bracket Race/Street Stock. Aftermarket 2 BBL. or stock carburetor.	3	.022	.024	3000 to 6000	52-500-5	272TL-5	272	272	242	242	.595	.595	105°	
SOLID-Oval Track/Bracket Race/Street Stock. Same as 272 with slightly more rpm.	3	.022	.024	3500 to 6500	52-502-5	276TL-5	276	276	246	246	.606	.606	105°	

PONTIAC 151 C.I. 4 CYL. 1977-1993

APPLICATION/CAMSHAFTS				VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
				IN.	EX.				ADVERTISED IN. EX.		@ .050" IN. EX.		W/1.75 ROCKER IN.	EX.	
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts															
HYDRAULIC-Good torque and power with smooth idle. Strong increase over stock cam.	3	Hyd.	Hyd.	800 to 4800	14-119-4	252H	252	252	206	206	.474	.474	110°		
HYDRAULIC-Good combination of torque and power. Performance Street and marine.	3	Hyd.	Hyd.	1200 to 5200	14-123-4	260H	260	260	212	212	.489	.489	110°		



RECOMMENDED KITS AND COMPONENTS

PONTIAC 151 C.I. (2.5L IRON DUKE) 4 CYL. 1978-1989

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K52-115-4	SK52-115-4	CL52-115-4	N/A	864-8	3252	N/A	page 271	988-8	743-8	601-8	501-8
K52-119-4	SK52-119-4	CL52-119-4	N/A	864-8	3252	N/A	page 271	988-8	743-8	601-8	501-8
K52-123-4	SK52-123-4 ⁸	CL52-123-4 ⁸	N/A	864-8	3252	N/A	page 271	988-8	743-8	601-8	501-8
N/A	N/A	N/A	N/A	813-8 807-8 ¹⁹	3252	N/A	page 271	986-8 ² 987-8 ²	740-8 ³ 730-8	611-8	503-8 ²
N/A	N/A	N/A	N/A	813-8 807-8 ¹⁹	3252	N/A	page 271	986-8 ² 987-8 ²	740-8 ³ 730-8	611-8	503-8 ²

PONTIAC 151 C.I. 4 CYL. 1977-1993

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K14-119-4	SK14-119-4	CL14-119-4	N/A	812-8	3211	1261-8	7861-8	981-8	742-8 ³	601-8	501-8
K14-123-4	SK14-123-4	CL14-123-4	N/A	812-8	3211	1261-8	7861-8	981-8	742-8 ³	601-8	501-8

RED NUMBERS ARE THE PREMIUM CHOICE.**Footnotes:** Master Footnote index on page 28.

2 - Requires machining on cylinder heads.

3 - Valve spring oil shield available.

8 - Stock springs cannot be used.

9 - Fits only certain years.

19 - Hi-Tech Lite Lifters. No Chamfers.

89 - 265-301 use #864-16.

91 - 1.65:1 ratio available.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



PONTIAC 265-455 C.I. 8 CYL. 1955-1981

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE	
	IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.5 ROCKER IN.	EX.		
HIGH ENERGY™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Smooth idle with fuel economy for 326 to 400. Strong torque. Best cam for 301.	3	Hyd.	Hyd.	800 to 4800	51-229-3	252H	252	252	206	206	.425	.425	110°
HYDRAULIC-Smooth idle, good mileage for 455. Strong towing cam. Good power for 326-400.	3	Hyd.	Hyd.	1200 to 5200	51-230-3	260H	260	260	212	212	.440	.440	110°
HYDRAULIC-Good low-end and mid-range torque. Street performance, noticeable idle.	3	Hyd.	Hyd.	1500 to 5500	51-232-3	268H	268	268	218	218	.454	.454	110°
DUAL ENERGY™ Hydraulic Flat Tappet Camshafts													
HYDRAULIC-Good torque and mileage, good RV and towing cam, smooth idle.	3	Hyd.	Hyd.	1000 to 5000	51-206-4	255DEH	255	261	202	212	.420	.450	110°
HYDRAULIC-Strong mid-range. Everyday performance cam for stock exhaust.	3	Hyd.	Hyd.	1200 to 5500	51-207-4	265DEH	265	269	211	221	.442	.465	110°
HYDRAULIC-High performance Street. Works with stock converter.	3	Hyd.	Hyd.	1500 to 5800	51-208-4	275DEH	275	277	219	228	.462	.480	110°
XTREME ENERGY™ Hydraulic Flat Tappet and Hydraulic Roller Camshafts													
HYDRAULIC-Very strong torque excellent mileage, smooth idle.	3	Hyd.	Hyd.	600 to 4800	51-220-4	XE250H	250	260	206	212	.432	.444	110°
HYDRAULIC-Strong torque through low end and mid-range, good idle.	3	Hyd.	Hyd.	1000 to 5200	51-221-4	XE256H	256	268	212	218	.447	.455	110°
HYDRAULIC-Excellent response, good mileage, Stock converter mild gear.	3	Hyd.	Hyd.	1300 to 5500	51-222-4	XE262H	262	270	218	224	.462	.470	110°
HYDRAULIC-Good for Street Machines, slightly rough idle.	3	Hyd.	Hyd.	1600 to 5800	51-223-4	XE268H	268	280	224	230	.477	.480	110°
HYDRAULIC-Hi Performance street, very strong mid-range, headers and mild stall.	3	Hyd.	Hyd.	1800 to 6000	51-224-4	XE274H	274	286	230	236	.488	.491	110°
HYDRAULIC-Street / Strip, needs 9:1 comp. 2800+ stall, headers, gears, rough idle.	3	Hyd.	Hyd.	2300 to 6500	51-225-4	XE284H	284	296	240	246	.507	.510	110°
HYDRAULIC-Pro Street / Bracket, good intake, headers, gear, 3200 stall.	3	Hyd.	Hyd.	2800 to 6500	51-226-4	XE294H	294	306	250	256	.519	.524	110°
HYDRAULIC ROLLER-Daily driver, strong torque, smooth idle.	3	Hyd.	Hyd.	1000 to 5000	51-413-9 ⁶	XR264HR	264	270	212	218	.487	.495	110°
HYDRAULIC ROLLER-Great for street machines, needs headers, low gears, and 2200 stall.	3	Hyd.	Hyd.	1800 to 5600	51-423-9 ⁶	XR276HR	276	282	224	230	.502	.510	110°
HYDRAULIC ROLLER-Rough idle, needs 2800+ stall, lower gears and 9.5:1 compression.	3	Hyd.	Hyd.	2200 to 6000	51-433-9 ⁶	XR288HR	288	294	236	242	.520	.540	110°

Footnotes: Master Footnote index on page 28.

6 - Requires Bronze distributor gear.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.



RECOMMENDED KITS AND COMPONENTS

PONTIAC 265-455 C.I. 8 CYL. 1955-1981

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K51-229-3	SK51-229-3	CL51-229-3	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-230-3	SK51-230-3	CL51-230-3	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-232-3	SK51-232-3 ⁸	CL51-232-3 ⁸	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-206-4	SK51-206-4 ⁸	CL51-206-4 ⁸	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-207-4	SK51-207-4 ⁸	CL51-207-4 ⁸	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-208-4	SK51-208-4 ⁸	CL51-208-4 ⁸	RP1451-16 ⁹¹	852-16 ⁸⁹	3212	1451-16 ^{1,91}	7851-16 ⁹	988-16	743-16 ³	601-16	501-16
K51-220-4	SK51-220-4	CL51-220-4	RP1451-16 ⁹¹	852-16 ⁸⁹ 863-16^{62,89}	3212 2112	1451-16 ^{1,91} 1060-16^{1,91}	7851-16 ⁹ 7262-16⁹	988-16	743-16 ³	601-16	501-16
K51-221-4	SK51-221-4	CL51-221-4	RP1451-16 ⁹¹	852-16 ⁸⁹ 863-16^{62,89}	3212 2112	1451-16 ^{1,91} 1060-16^{1,91}	7851-16 ⁹ 7262-16⁹	988-16	743-16 ³	601-16	501-16
K51-222-4	SK51-222-4 ⁸	CL51-222-4 ⁸	RP1451-16 ⁹¹	852-16 ⁸⁹ 863-16^{62,89}	3212 2112	1451-16 ^{1,91} 1060-16^{1,91}	7851-16 ⁹ 7262-16⁹	988-16	743-16 ³	601-16	501-16
K51-223-4	SK51-223-4 ⁸	CL51-223-4 ⁸	RPM1451-16 ^{1,91}	852-16 ⁸⁹ 863-16^{62,89}	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7262-16 ⁹ 7786-16⁹	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-224-4	SK51-224-4 ⁸	CL51-224-4 ⁸	RPM1451-16 ^{1,91}	852-16 ⁸⁹ 863-16^{62,89}	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7262-16 ⁹ 7786-16⁹	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-225-4	SK51-225-4 ⁸	CL51-225-4 ⁸	RPM1451-16 ^{1,91}	852-16 ⁸⁹ 863-16^{62,89}	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7262-16 ⁹ 7786-16⁹	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-226-4	SK51-226-4 ⁸	CL51-226-4 ⁸	RPM1451-16 ^{1,91}	852-16 ⁸⁹ 863-16^{62,89}	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7262-16 ⁹ 7786-16⁹	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-413-9 ⁶	SK51-413-9 ^{8,6}	CL51-413-9 ^{8,6}	N/A	857-16	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7775-16	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-423-9 ⁶	SK51-423-9 ^{8,6}	CL51-423-9 ^{8,6}	N/A	857-16	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7775-16	995-16 ²	740-16 730-16	611-16	503-16 ²
K51-433-9 ⁶	SK51-433-9 ^{8,6}	CL51-433-9 ^{8,6}	N/A	857-16	2112 3112	1451-16 ^{1,91} 1060-16^{1,91}	7775-16	995-16 ²	740-16 730-16	611-16	503-16 ²

Footnotes: Master Footnote index on page 28.

1 - Requires screw-in studs & guide plates.

2 - Requires machining on cylinder heads.

3 - Valve spring oil shield available.

6 - Requires Bronze distributor gear.

8 - Stock springs cannot be used.

9 - Fits only certain years.

62 - Adjustable valve train required.

89 - 265-301 use #864-16.

91 - 1.65:1 ratio available.

RED NUMBERS ARE THE PREMIUM CHOICE.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

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CAMSHAFTS



PONTIAC 265-455 C.I. 8 CYL. 1955-1981

APPLICATION/CAMSHAFTS	VALVE SETTING			RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
							ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.5 ROCKER IN.	EX.	
MAGNUM™ Hydraulic Flat Tappet, Mechanical Flat Tappet and Mechanical Roller Camshafts													
HYDRAULIC-Fair idle, good mid-range torque. Can use stock torque converter. Daily performance use.	3	Hyd.	Hyd.	1800 to 5800	51-233-4	270H	270	270	224	224	.476	.476	110°
HYDRAULIC-Choppy idle, increased compression advised. Needs 2500 stall and lower gear, use headers.	3	Hyd.	Hyd.	2000 to 6000	51-234-4	280H	280	280	230	230	.480	.480	110°
HYDRAULIC-Rough idle, performance usage. Increased compression required. Needs 3000 stall and low gears.	3	Hyd.	Hyd.	2500 to 6500	51-240-4	292H	292	292	244	244	.501	.501	110°
HYDRAULIC-Racy idle. Bracket Racing cam. Needs 10.5:1 compression and 3500 stall. Low gear ratio.	3	Hyd.	Hyd.	3000 to 6500	51-241-4	305H	305	305	253	253	.525	.525	110°
SOLID-Good idle, strong mid-range torque. Excellent cam for mild street engines.	3	.022	.022	1800 to 5800	51-244-4	270S	270	270	224	224	.468	.468	110°
SOLID-Mild idle, Street Machine cam. Needs increased compression, mild stall and headers.	3	.022	.022	2000 to 6000	51-245-4	282S	282	282	236	236	.495	.495	110°
SOLID-Rough idle, needs higher compression ratio. Maximum street performance. Use 3000 stall and low gear.	3	.022	.022	2500 to 6500	51-246-4	294S	294	294	248	248	.525	.525	110°
SOLID-Race idle, Pro Street. Needs increased compression and 3500 stall. Limited use street vehicles.	3	.022	.022	3000 to 6500	51-247-4	306S	306	306	260	260	.555	.555	110°
MECHANICAL ROLLER-Choppy idle, broad power range, increased compression advised with 3000 stall, headers and lower gears.	3	.020	.020	2200 to 6500	51-751-9 ⁶	288R	288	288	244	244	.550	.550	110°
MECHANICAL ROLLER-Rough idle, needs high compression, maximum street effort. Use 3500+ stall.	3	.020	.020	3000 to 6700	51-752-9 ⁶	308R	308	308	262	262	.575	.575	110°

APPLICATION/CAMSHAFTS				VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
				IN.	EX.				ADVERTISED		@ .050"		W/1.65 ROCKER		
DRAG RACE Hydraulic Flat Tappet Camshafts															
HYDRAULIC-Bracket race with heavy car. 2500-3000 stall, 9.5 compression, more gear, choppy idle.	3	Hyd.	Hyd.	2000 to 6000	51-309-4	276AH-10	276-3	284-3	228	236	.520	.520	110°		
HYDRAULIC-Rough idle, 3500-4000 stall, 10:1 compression, 4:10 or lower gear ratio.	3	Hyd.	Hyd.	3000 to 6500	51-316-4	296AH-8	296-3	305-3	246	253	.562	.577	108°		

Footnotes: Master Footnote index on page 28.

6 - Requires Bronze distributor gear.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.



RECOMMENDED KITS AND COMPONENTS

PONTIAC 265-455 C.I. 8 CYL. 1955-1981

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
K51-233-4	SK51-233-4 ⁸	CL51-233-4 ⁸	RPM1451-16	852-16 ⁸⁹ 863-16 ^{62,89}	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-234-4	SK51-234-4 ⁸	CL51-234-4 ⁸	RPM1451-16	852-16 ⁸⁹ 863-16 ^{62,89}	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-240-4	SK51-240-4 ⁸	CL51-240-4 ⁸	RPM1451-16	852-16 ⁸⁹ 863-16 ^{62,89}	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-241-4	SK51-241-4 ⁸	CL51-241-4 ⁸	RPM1451-16	852-16 ⁸⁹ 863-16 ^{62,89}	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-244-4	SK51-244-4 ⁸	CL51-244-4 ⁸	N/A	813-16 ⁹⁰ 807-16 ¹⁹	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7263-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-245-4	SK51-245-4 ⁸	CL51-245-4 ⁸	N/A	813-16 ⁹⁰ 807-16 ¹⁹	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7263-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-246-4	SK51-246-4 ⁸	CL51-246-4 ⁸	N/A	813-16 ⁹⁰ 807-16 ¹⁹	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7263-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-247-4	SK51-247-4 ⁸	CL51-247-4 ⁸	N/A	813-16 ⁹⁰ 807-16 ¹⁹	2112 3112	1451-16 ⁹¹ 1060-16 ^{1,91}	7263-16 ⁹ 7786-16 ⁹	995-16 ²	740-16 ³	611-16	503-16 ²
K51-751-8 ⁶	SK51-751-8 ^{6,8}	CL51-751-8 ^{6,8}	N/A	859-16 ⁹² 807-16 ¹⁹	2112 3112	1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	914-16 ²	740-16 ³	611-16	503-16 ²
K51-752-8 ⁶	SK51-752-8 ^{6,8}	CL51-752-8 ^{6,8}	N/A	859-16 ⁹² 807-16 ¹⁹	2112 3112	1060-16 ^{1,91}	7262-16 ⁹ 7786-16 ⁹	914-16 ²	740-16 ³	611-16	503-16 ²

LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	RETAINERS	VALVE LOCKS	VALVE SEALS	LASH CAPS	REV. KIT	DIST. GEARS	STUD GIRDLES
863-16 ^{62,89}	3112	1452-16 1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16	611-16	503-16 ²	621-16	N/A	N/A	4051
863-16 ^{62,89}	3112	1452-16 1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16	611-16	503-16 ²	621-16	N/A	N/A	4051

Footnotes: Master Footnote index on page 28.

- 1 - Requires screw-in studs & guide plates.
- 2 - Requires machining on cylinder heads.
- 3 - Valve spring oil shield available.
- 6 - Requires Bronze distributor gear.
- 8 - Stock springs cannot be used.
- 9 - Fits only certain years.

- 62 - Adjustable valve train required.
- 89 - 265-301 use #864-16.
- 90 - Special Design (NOT a Chevy part).
- 91 - 1.65:1 ratio available.
- 92 - Fits only 350-455.

RED NUMBERS ARE THE PREMIUM CHOICE.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

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PONTIAC 265-455 C.I. 8 CYL. 1955-1981

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE	
	IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	W/1.65 ROCKER IN.	EX.		
DRAG RACE Hydraulic Flat Tappet, Mechanical Flat Tappet and Mechanical Roller Camshafts													
HYDRAULIC-Rough idle, 2500-3000 stall, 10:1 compression, 3.73 or lower gear.	3	Hyd.	Hyd.	2500 to 6200	51-314-4	280AH-10	280-9	288-9	232	237	.531	.531	110°
HYDRAULIC-Racy idle, Bracket Racing. Needs 10.5 compression and 3500 stall, low gear ratio.	3	Hyd.	Hyd.	3500 to 6500	51-241-4	305H-10	305-3	305-3	253	253	.577	.577	110°
HYDRAULIC-Best hydraulic for 350-400. 10.5:1 with 3500 stall.	3	Hyd.	Hyd.	3500 to 6500	51-242-5	312H-10	312-5	312-5	260	260	.594	.594	110°
HYDRAULIC-Best in 400 or larger engine with 4000 stall and 11:1 compression.	3	Hyd.	Hyd.	4000 to 6700	51-243-5	320H-10	320-5	320-5	268	268	.594	.594	110°
SOLID-Super torque, 3500 stall, works well in heavy car.	3	.026	.028	3500 to 6500	51-659-5	290B-6	290-1	304-1	255	266	.594	.587	106°
SOLID-Excellent for 400-455, good torque. 4200+ stall.	3	.026	.028	4200 to 6500	51-660-5	300B-6	300-1	314-1	265	276	.619	.612	106°
SOLID-400-455 Bracket Racing, heavy cars. Good torque. 4200+ stall.	3	.018	.028	4200 to 6500	51-506-5	296TL-6	TL296-1	310-1	266	275	.627	.644	106°
SOLID-Best in 455, 4500+ stall or 4 speed.	3	.026	.028	4500 to 6500	51-661-5	310B-8	310-1	314-1	275	276	.644	.612	108°
SOLID-455 only. Works best in light car with 4 speed.	3	.026	.028	4500 to 6500	51-662-5	320B-8	320-1	324-1	283	286	.647	.636	108°
MECHANICAL ROLLER-Good cam for 455 with 3800 stall or 4 speed.	3	.026	.028	3800 to 6500	51-813-9 ⁶	285CR-6	285-2	295-2	252	262	.619	.604	106°
MECHANICAL ROLLER-Good cam for 455 or larger engines with 4500 stall or 4 speed.	3	.026	.028	4500 to 6500	51-816-9 ⁶	306CR-8	306-1	319-1	270	280	.660	.660	108°
MECHANICAL ROLLER-Super Gas or Bracket Racing in heavy car with 4500+ stall.	3	.026	.026	4500 to 6500	51-818-9 ⁶	308R-4	308-8	308-8	284	284	.726	.726	104°
MECHANICAL ROLLER-Super Stock cam for 400 with stick or automatic.	3	.026	.028	4500 to 6500	51-822-9 ⁶	306CR-4	306-2	309-2	275	278	.688	.693	104°
MECHANICAL ROLLER-Super Stock cam for 455 with stick or automatic.	3	.026	.028	4500 to 6800	51-823-9 ⁶	316DR-6	316-2	316-2	284	284	.715	.715	106°
MECHANICAL ROLLER-Super Stock cam for 389-400 with stick or automatic.	3	.026	.028	4500 to 6800	51-825-9 ⁶	312R-4	312-8	312-8	284	284	.728	.728	104°
MECHANICAL ROLLER-Super Stock cam for 400-455 with stick or automatic.	3	.026	.028	4500 to 6800	51-827-9 ⁶	316R-4	316-8	316-8	288	288	.726	.726	104°

Footnotes: Master Footnote index on page 28.

6 - Requires Bronze distributor gear.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.



RECOMMENDED KITS AND COMPONENTS

PONTIAC 265-455 C.I. 8 CYL. 1955-1981

LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	RETAINERS	VALVE LOCKS	VALVE SEALS	LASH CAPS	REV. KIT	DIST. GEARS	STUD GIRDLES
863-16 ^{62,89}	3112	1452-16 1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
863-16 ^{62,89}	3112	1452-16 1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
863-16 ^{62,89}	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
863-16 ^{62,89}	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
813-16 ^{62,90} 807-16 ¹⁹	3112	1061-16 ¹	7263-16 ⁹² 7789-16	995-16 ²	740-16 ³ 730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
813-16 ^{62,90} 807-16 ¹⁹	3112	1061-16 ¹	7263-16 ⁹² 7789-16	995-16 ²	730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
813-16 ^{62,90} 807-16 ¹⁹	3112	1061-16 ¹	7263-16 ⁹² 7789-16	995-16 ²	730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
813-16 ^{62,90} 807-16 ¹⁹	3112	1061-16 ¹	7263-16 ⁹² 7789-16	995-16 ²	730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
813-16 ^{62,90} 807-16 ¹⁹	3112	1061-16 ¹	7263-16 ⁹² 7789-16	995-16 ²	730-16	611-16	503-16 ²	621-16	N/A	N/A	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051
859-16 ⁶²	3112	1061-16 ¹	7262-16 ⁹² 7786-16 ⁹²	944-16 ²	731-16 720-16	611-16	503-16 ²	621-16	N/A	451	4051

RED NUMBERS ARE THE PREMIUM CHOICE.

Footnotes: Master Footnote index on page 28.

1 - Requires screw-in studs & guide plates.

2 - Requires machining on cylinder heads.

3 - Valve spring oil shield available.

62 - Adjustable valve train required.

89 - 265-301 use #864-16.

90 - Special Design (NOT a Chevy part).

91 - 1.65:1 ratio available.

92 - Fits only 350-455.

Except as noted, not legal for sale or use on pollution-controlled motor vehicles.

CAMSHAFTS



TOYOTA 20R AND 22R 4 CYL. 1974-1989

APPLICATION/CAMSHAFTS	VALVE SETTING			RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
	IN.	EX.	ADVERTISED IN.				EX.	@ .050" IN.	EX.	IN.	EX.		
HIGH ENERGY™ Mechanical Flat Tappet Camshafts													
SOLID-Smooth torque and economy. Best cam to replace OEM grind. Very smooth idle.	3	.010	.010	800 to 4500	87-119-4	252S	252	252	204	204	.410	.410	110°
SOLID-Excellent cam for trucks. Good torque for heavy duty use. Smooth idle.	3	.010	.010	1000 to 4800	87-123-4	260S	260	260	213	213	.430	.430	110°
SOLID-Performance use. Wide powerband. Smooth idle.	3	.010	.010	1500 to 5500	87-127-4	268S	268	268	224	224	.435	.435	110°
MAGNUM™ Mechanical Flat Tappet Camshaft													
SOLID-Best cam for street performance with 5 speed. Good mid-range and top-end.	3	.010	.010	2000 to 6000	87-131-4	280S	280	280	233	233	.445	.445	110°

VOLKSWAGEN 1200-1600CC TYPE 1 4 CYL. 1955-1971

APPLICATION/CAMSHAFTS		VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE
		IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	IN.	EX.	
HIGH ENERGY™ Mechanical Flat Tappet Camshafts													
SOLID-Excellent torque and mileage. Good stock replacement. Very smooth.	3	.010	.010	800 to 4500	73-115-4	244S	244	244	200	200	.293	.319	108°
SOLID-Good all-around power, torque and efficiency. Smooth idle.	3	.010	.010	1000 to 4500	73-119-4	252S	252	252	210	210	.435	.435	108°
SOLID-Strong mid-range. Mild high performance on or off-road.	3	.010	.010	1200 to 5200	73-123-4	264S	264	264	220	220	.351	.351	108°
MAGNUM™ Mechanical Flat Tappet Camshafts													
SOLID-Good combo of torque and power. Excellent choice on or off road.	3	.010	.010	2000 to 6000	73-128-4	270S	270	270	235	235	.363	.372	108°
SOLID-Great for off-road. Power at higher RPMs.	3	.010	.010	2500 to 6500	73-130-4	280S	280	280	242	242	.507	.507	108°

VOLKSWAGEN 1457-1788CC SOHC 4 CYL. 1974-1989

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT		LOBE SEPARATION ANGLE	
	IN.	EX.				ADVERTISED IN.	EX.	@ .050" IN.	EX.	IN.	EX.		
HIGH ENERGY™ Mechanical Flat Tappet Camshafts													
SOLID-Good replacement for stock cam. Smooth, efficient and powerful.	3	.010	.010	1200 to 5200	85-119-4	252S	252	252	204	204	.410	.410	110°
SOLID-Street performance for everyday driving. Best for manual transmission.	3	.010	.010	1500 to 5500	85-123-4	260S	260	260	214	214	.410	.410	110°



RECOMMENDED KITS AND COMPONENTS

TOYOTA 20R AND 22R 4 CYL. 1974-1989

LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	RETAINERS	VALVE LOCKS	VALVE SEALS	LASH CAPS	REV. KIT	DIST. GEARS	STUD GIRDLES
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

VOLKSWAGEN 1200-1600CC TYPE 1 4 CYL. 1955-1971

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	861-8	2022	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	861-8	2022	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	861-8	2022	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	861-8	2022	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	861-8	2022	N/A	N/A	N/A	N/A	N/A	N/A

VOLKSWAGEN 1457-1788CC SOHC 4 CYL. 1974-1989

K-KIT	SK-KIT	CL-KIT	RP-KIT	LIFTERS	TIMING SET	ROCKER ARMS	PUSH RODS	VALVE SPRINGS	STEEL RET.	VALVE LOCKS	VALVE SEALS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A