

# PROGEAR

## *Product Catalog*

6A

4R

2R

To Order Call:  
**1-800-323-4281**  
Fax: 708-352-1627



## **TIMING SET FEATURES**

### **4000 SERIES 9-KEYWAY SETS AND 3000 SERIES 3-KEYWAY SETS**

- SPECIALLY HEAT TREATED CAM SPROCKETS
- HEAT TREATED STEEL CRANK SPROCKETS
- BLACK OXIDED CRANK SPROCKETS
- TIMING MARKS, NUMBERS AND LETTERS HIGHLIGHTED IN WHITE
- SUPER DUTY INDEPENDENT ROLLER CHAINS WITH SEAMLESS EXTRUDED ROLLERS

### **TR SERIES 3-KEYWAY SETS**

- CLASS 30 GREY IRON CAM SPROCKETS
- HEAT TREATED STEEL CRANK SPROCKETS
- HEAVY DUTY INDEPENDENT ROLLER CHAINS WITH SEAMLESS ROLLERS

### **TK SERIES 3-KEYWAY SETS**

- FOR CLAIMER ENGINES AND OTHER BUDGET APPLICATIONS
- CLASS 30 GREY IRON CAM SPROCKETS
- HEAT TREATED STEEL CRANK SPROCKETS
- HIGH QUALITY FIXED ROLLER CHAIN

### **UNDERSIZE SETS**

WE CAN SUPPLY ALL DOUBLE ROLLER SETS AT .005 UNDERSIZE. SIMPLY ADD "-5" TO THE PART NUMBER.

ALL SETS ARE PACKAGED ON SPECIAL EXTRA THICK 2-PIECE CARDS AND COATED WITH SURLYN\* PLASTIC FOR HANGING DISPLAY.

\*SURLYN IS A REGISTERED TRADEMARK OF THE DUPONT CORPORATION

### **WARRANTY**




PROGEAR AND ITS AFFILIATES MAKE NO WARRANTY FOR THESE "HIGH PERFORMANCE" PRODUCTS. THIS INCLUDES ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS OF PURPOSE. THESE PRODUCTS ARE SOLD ON AN "AS IS" BASIS WITH THE PURCHASER AND USER BEARING ALL RISKS AND RESPONSIBILITIES DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. WARRANTY NOT APPLICABLE IN THE STATE OF MAINE.

















Application		Year	Part Number			
<b>Chrysler</b>			<b>4000 Series</b>	<b>3000 Series</b>	<b>TR Series</b>	<b>TK Series</b>
V6 (3.9L)		From 1956				
V8 273, 315, 318, 325, 326, 340, 354, 360, 392			PG-4103	PG-3103	160HDSTR	
V6 (3.9L) <b>NEW!</b>	Both Sprockets Billet Steel	From 1956				
V8 273, 315, 318, 325, 326, 340, 354, 360, 392				PG-4103ST	PG-3103ST	
V8 With Single-Bolt Cam		From 1956				
350, 361, 383, 400, 413 (Exc. Truck), 426 Wedge, 440			PG-4104	PG-3104	168STR	
V8 With Three-Bolt Cam	Both Sprockets Billet Steel	From 1956				
350, 361, 383, 400, 413 (Exc. Truck), 426 Wedge, 426 Hemi, 440				PG-4125ST	PG-3125ST	168SA-2TR

Application		Year	Part Number			
<b>Ford</b>			<b>4000 Series</b>	<b>3000 Series</b>	<b>TR Series</b>	<b>TK Series</b>
V8 Small Block- Using one-piece fuel pump eccentric or electric fuel pump. 221, 255, 260, 289 STD, 302 STD, 302 BOSS 5.0 (302) H.O. No Separate spacer required between CAM and CAM sprocket		From 1962				
			PG-4135	PG-3135	406HDSTR	406HDSTK
V8 Small Block- Using two-piece fuel pump eccentric. 302 and 351W. Accomodates both the large and small thrust plate.		From 3/21/84				
			PG-4138	PG-3138	430HDSTR	430HDSTK
V8 351C, 351M, 400		1970 to 1982				
			PG-4121	PG-3121	436HDSTR	
V8 352, 360, 390, 410, 427, 428		1963 to 1974				
			PG-4108	PG-3108	396HDSTR	



















Application	Year	Part Number			
<b>Ford (cont.)</b>		<b>4000 Series</b>	<b>3000 Series</b>	<b>TR Series</b>	<b>TK Series</b>
V8 429, 460	From 1972	 PG-4130	 PG-3130	 438HDSTR	

Application	Year	Part Number			
<b>GM</b>		<b>4000 Series</b>	<b>3000 Series</b>	<b>TR Series</b>	<b>TK Series</b>
SB CHEVY (AND V6 4.3Z W/O BALANCE SHAFT) WITHOUT HYDRAULIC ROLLER CAM	1966 to 1981	 PG-4100	 PG-3100	 163STR	 163STK
SB CHEVY WITHOUT HYDRAULIC ROLLER CAM. FOR CRANKSHAFT WITH BIG BLOCK SNOOT DIAMETER	1966 to 1981		 PG-3100B		
SB CHEVY WITHOUT HYDRAULIC ROLLER CAM WITH 1-PIECE TORRINGTON BEARING	1966 to 1981	 PG-4100T	 PG-3100T		
SB CHEVY WITHOUT HYDRAULIC ROLLER CAM WITH 1-PIECE TORRINGTON BEARING <span style="border: 1px solid black; padding: 2px; display: inline-block; vertical-align: middle;">Both Sprockets Billet Steel</span>	1966 to 1981	 PG-4100TST	 PG-3100TST		
SB CHEVY <b>NEW!</b> WITHOUT HYDRAULIC ROLLER CAM WITH BIG BLOCK SNOOT DIAMETER AND TORRINGTON BEARING	1966 to 1981		 PG-3100BT		
SB CHEVY <b>NEW!</b> WITHOUT HYDRAULIC ROLLER CAM. WITH BIG BLOCK SNOOT DIAMETER AND TORRINGTON BEARING <span style="border: 1px solid black; padding: 2px; display: inline-block; vertical-align: middle;">Both Sprockets Billet Steel</span>	1966 to 1981		 PG-3100BTST		
SB CHEVY WITHOUT HYDRAULIC ROLLER CAM. USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS	1966 to 1981	 PG-4100-1*	 PG-3100-1	 446HDSTR	

\*8 KEYWAYS: 4 ADVANCED, 3 RETARDED





















Application		Year	Part Number			
			4000 Series	3000 Series	TR Series	TK Series
<b>GM (cont.)</b>						
SB CHEVY	WITHOUT HYDRAULIC ROLLER CAM SAME AS PG-3100-1/ PG-4100-1 WITH 1-PIECE TORRINGTON BEARING	1966 to 1981	 PG-4100-1TB*	 PG-3100-1TB		
SB CHEVY	(& V6 4.3Z WITHOUT BALANCE SHAFT) WITH HYDRAULIC ROLLER CAM EXCEPT MOTORS WITH REVERSE FLOW COOLING SYSTEM. USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS.	1985- UP	 PG-4145*	 PG-3145	 732HDSTR	
SB CHEVY	(& V6 4.3Z WITHOUT BALANCE SHAFT) SAME AS PG-3145TB/PG-4145TB WITH 1-PIECE TORRINGTON BEARING	1985- UP	 PG-4145T*	 PG-3145T*		
SB CHEVY	ROCKET BLOCK		 PG-4146	 PG-3146		
SB CHEVY	ROCKET BLOCK WITH 1-PIECE TORRINGTON BEARING		 PG-4146T	 PG-3146T		
SB CHEVY	ROCKET BLOCK WITH 1-PIECE TORRINGTON BEARING		 PG-4146TST	 PG-3146TST		
SB CHEVY	ROCKET BLOCK FOR CRANKSHAFT WITH BIG BLOCK SNOUT DIAMETER			 PG-3146B		
SB CHEVY	ROCKET BLOCK WITH 1-PIECE TORRINGTON BEARING. FOR CRANKSHAFT WITH BIG BLOCK SNOUT DIAMETER			 PG-3146BT		
SB CHEVY	ROCKET BLOCK WITH 1-PIECE TORRINGTON BEARING. FOR CRANKSHAFT WITH BIG BLOCK SNOUT DIAMETER			 PG-3146BTST		

Both  
Sprockets  
Billet  
Steel

Both  
Sprockets  
Billet  
Steel

\*8 KEYWAYS: 4 ADVANCED, 3 RETARDED



Application		Year	Part Number			
GM (cont.)			4000 Series	3000 Series	TR Series	TK Series
CHEVY V6	4.3L VIN CODES W & X WITH BALANCE SHAFT. USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS.	1992 to 1997		 PG-3145-1		
BB CHEVY		1965-UP	 PG-4110	 PG-3110	 168SA-1TR	 168SA-1TK
BB CHEVY	WITH 1-PIECE TORRINGTON BEARING	1965-UP	 PG-4110T	 PG-3110T		
BB CHEVY	WITH 1-PIECE TORRINGTON BEARING	1965-UP	 PG-4110TST	 PG-3110TST		
BB CHEVY	USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS	1965-UP	 PG-4110-1	 PG-3110-1		
BB CHEVY	USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS. WITH 1-PIECE TORRINGTON BEARING	1965-UP	 PG-4110-1T			
BB CHEVY	MERLIN EXTENDED CENTER DISTANCE	1965-UP	 PG-4147	 PG-3147		
BB CHEVY	GEN 6 (J) WITH HYDRAULIC ROLLER CAM. USES 1/2" PITCH SINGLE ROW ROLLER CHAIN WITH INDEPENDENT SEAMLESS ROLLERS.	1996 to 1997	 PG-41495T	 PG-31495T		
CHEVY V6	2.8 S, X, Z 3.1T (CAMARO ONLY)	1980 to 1991		 PG-3137	 506HDSTR	











Both Sprockets Billet Steel




Both Sprockets Billet Steel

Both Sprockets Billet Steel

\*8 KEYWAYS: 4 ADVANCED, 3 RETARDED



Application		Year	Part Number			
GM (cont.)			4000 Series	3000 Series	TR Series	TK Series
OLDS V8	260F, 330, 350R, 400, 403, 425, 455 <b>NEW!</b> ALL ADJUSTMENTS ON CAM SPROCKET!! STANDARD, 3 ADVANCED, 3 RETARDED.	1964 to 1983	 PG-4113ST			
OLDS V8	260F, 300, 350R, 400, 403, 425, 455	1964 to 1983		 PG-3113ST	 348HDSTR	
BUICK V6	198, 225, 231 WITHOUT INTEGRAL DISTRIBUTOR DRIVE	1961 to 1982		 PG-3132ST	 334HDSTR	
BUICK V8	215 ('61 - '63) 300 ('64 - '67) 340 ('65 - '67) 350 ('68 - '82)					
BUICK V6	WITH INTEGRAL DISTRIBUTOR DRIVE	1977 to 1988		 PG-3134ST	 610HDSTR	
PONTIAC V8	287, 316, 326, 347, 350P, 370, 389, 400, 421, 428, 455	1955 to 1982	 PG-4112	 PG-3112	 305HDSTR	

Application		Year	Part Number			
Toyota			4000 Series	3000 Series	TR Series	TK Series
4 CYL 20R	<b>NEW!</b> DOUBLE ROW CHAIN	1975 to 1982			 005HDSTR	
4 CYL 22R	<b>NEW!</b> DOUBLE ROW CHAIN					
4 CYL 20R	<b>NEW!</b> SINGLE ROW CHAIN	1975 to 1982			 009HDSTR	
4 CYL 22R	<b>NEW!</b> SINGLE ROW CHAIN					
4 CYL 22R	<b>NEW!</b> SINGLE ROW CHAIN	1985 to 1995			 100HDSTR	



## Chrysler

Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code
SB V8 273, 318, 340, 360 (R.R. 1.5:1)	25CK	CS25	Intake	.422	112	108	1
			Exhaust	.444		116	
	26CK	CS26	Intake	.444	112	108	2
			Exhaust	.467		116	224
	27CK	CS27	Intake	.453	108	106	3
			Exhaust	.453		110	
BB V8 350, 361, 383, 400, 413, 426, 440 (R.R. 1.5:1)	28CK	CS28	Intake	.422	112	107	1
			Exhaust	.444		117	
	29CK	CS29	Intake	.447	115	112	2
			Exhaust	.459		118	225
	30CK	CS30	Intake	.480	108	108	3
			Exhaust	.480		108	

## Ford

Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code
V8 221, 260, 289, 302 (FITS 351W BY USING 302 FIRING ORDER) (R.R. 1.6:1)	31CK	CS31	Intake	.450	112	108	1
			Exhaust	.474		116	
	302 FIRING ORDER IS 15426378	32CK	CS32	Intake	.474	112	108
			Exhaust	.498		116	224
	33CK	CS33	Intake	.466	110	106	3
			Exhaust	.466		110	
V8 351W (FITS 221-302 BY USING 351W FIRING ORDER) (R.R. 1.6:1)	34CK	CS34	Intake	.416	114	114	1
			Exhaust	.445		114	209
	35CK	CS35	Intake	.450	112	107	1
			Exhaust	.474		117	214
351W FIRING ORDER IS 13726548	36CK	CS36	Intake	.445	115	117	2
			Exhaust	.453		113	
	37CK	CS37	Intake	.498	112	107	3
			Exhaust	.520		117	
V8 351, 351C, 351M, 400 (R.R. 1.73:1)	38CK	CS38	Intake	.486	112	106	1
			Exhaust	.512		118	
	39CK	CS39	Intake	.512	112	106	2
			Exhaust	.538		118	224
	40CK	CS40	Intake	.503	108	104	3
			Exhaust	.507		112	



Ford (cont.)								
Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code	
V8 390, 406, 427, 428 (R.R. 1.73:1)	41CK	CS41	Intake Exhaust	.486 .512	112	104 120	204 214	1
	42CK	CS42	Intake Exhaust	.512 .538	112	104 120	214 224	2
	43CK	CS43	Intake Exhaust	.507 .507	112	109 115	224 224	2
V8 370, 429, 460 (R.R. 1.73:1)	44CK	CS44	Intake Exhaust	.486 .512	112	107 117	204 214	1
	45CK	CS45	Intake Exhaust	.512 .538	112	107 117	214 224	2
	46CK	CS46	Intake Exhaust	.522 .522	110	104 116	230 230	3

GM								
Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code	
BUICK V6 196, 231, 252 (R.R. 1.6:1)	1CK	CS1	Intake Exhaust	.450 .474	112	112 112	204 214	2
	2CK	CS2	Intake Exhaust	.424 .450	114	109 119	194 204	1
CHEVY V6 173 (2.8L) 60 Deg. (R.R. 1.5:1)	3CK	CS3	Intake Exhaust	.390 .410	109	109 109	194 202	1
	4CK	CS4	Intake Exhaust	.422 .444	112	107 117	204 214	2
CHEVY SB V8 265, 283, 302, 307, 327, 400 (R.R. 1.5:1)	5CK	CS5	Intake Exhaust	.404 .414	114.5	115 114	202 207	1
	6CK	CS6	Intake Exhaust	.422 .444	112	107 117	204 214	2
	7CK	CS7	Intake Exhaust	.444 .444	112	107 117	214 214	2
	8CK	CS8	Intake Exhaust	.444 .467	112	107 117	214 224	2
THIS IS A MECHANICAL CAM. SET LASH AT .030 FOR BOTH INTAKE AND EXHAUST	9CK	CS9	Intake Exhaust	.485 .485	114	110 118	254 254	4
	10CK	CS10	Intake Exhaust	.447 .447	114	110 118	223 223	3



GM (cont.)								
Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code	
CHEVY SB V8 265, 283, 302, 307, 327, 400 (R.R. 1.5:1)	11CK	CS11	Intake Exhaust	.437 .437	108	107 109	224 224	3
	12CK	CS12	Intake Exhaust	.450 .461	114	114 114	224 224	3
	13CK	CS13	Intake Exhaust	.453 .453	114	112 116	230 230	3
	14CK	CS14	Intake Exhaust	.480 .480	108	106 110	232 232	3
	15CK	CS15	Intake Exhaust	.434 .434	108	107 109	244 244	4
	16CK	CS16	Intake Exhaust	.509 .509	109	106 112	246 246	4
THIS IS A MECHANICAL CAM. SET LASH AT .030 FOR BOTH INTAKE AND EXHAUST	17CK	CS17	Intake Exhaust	.498 .498	108	106 110	246 246	4
CHEVY SB V8 305, 350 1987 – UP WITH ROLLER TAPPETS SADI (R.R. 1.5:1) STEPPED FRONT END FOR THRUST PLATE	18CK	CS18	Intake Exhaust	.435 .462	112	108 116	198 210	1
	19CK	CS19	Intake Exhaust	.462 .470	110	106 114	210 215	2
	20CK	CS20	Intake Exhaust	.480 .480	108	106 110	230 230	3
CHEVY BB V8 396, 402, 427, 454 (R.R. 1.7:1)	21CK	CS21	Intake Exhaust	.478 .503	112	108 116	204 214	2
	22CK	CS22	Intake Exhaust	.500 .505	115	110 120	222 235	3
THIS IS A MECHANICAL CAM. SET LASH AT .030 FOR BOTH INTAKE AND EXHAUST	23CK	CS23	Intake Exhaust	.520 .520	114	108 120	242 242	4
NOTE: 1965-66 APPLICATIONS REQUIRE A 3/16 WIDE X 7/64 DEEP GROOVE TO BE CUT IN THE REAR CAMSHAFT BEARING	24CK	CS24	Intake Exhaust	.576 .576	110	106 114	246 246	4
OLDSMOBILE V8 260, 307, 350, 400, 403, 425, 455 (39 DEGREE BANK ANGLE) (R.R. 1.6:1)	47CK	CS47	Intake Exhaust	.450 .474	112	106 118	204 214	1
	48CK	CS48	Intake Exhaust	.474 .498	112	106 118	214 224	2
	49CK	CS49	Intake Exhaust	.474 .474	113	107 119	232 232	3



## GM (cont.)

Engine Year & Description	Cam Kit #	Camshaft #	Valve Lift	Lobe Spread	Lobe Centers	Duration @ .050	Performance Code
PONTIAC V8 ALL (R.R. 1.75:1)	50CK	CS50	Intake	.422	112	108	1
			Exhaust	.444		116	
	51CK	CS51	Intake	.437	108	103	2
			Exhaust	.437		113	
	52CK	CS52	Intake	.470	113.5	112	3
			Exhaust	.470		115	

**ALL CAMS ARE HYDRAULIC UNLESS NOTED  
CAM KITS INCLUDE CAM, LIFTERS, AND SPECIAL HIGH PRESSURE LUBE**

### PERFORMANCE CODE

- DURATION @ .050 OF UP TO 208.** EXCELLENT LOW RPM POWER WITH GOOD IDLE QUALITY. CAN BE USE IN STOCK OR SLIGHTLY MODIFIED ENGINES WITH MANUAL OR AUTOMATIC TRANSMISSIONS.
- DURATION @ .050 OF 208 TO 224.** FAIR IDLE QUALITY. GOOD LOW AND MID RANGE HORSEPOWER AND TORQUE. CAN BE USED IN STOCK AND MODIFIED ENGINES USING STOCK GEARS WITH MANUAL AND AUTOMATIC TRANSMISSIONS.
- DURATION @ .050 OF 224 TO 240.** ROUGH IDLE AND LOW MANIFOLD VACUUM. GOOD MID TO HIGH RPM HORSE POWER AND TORQUE. WILL NEED MANUAL TRANSMISSION OR A HIGH STALL CONVERTER IF USED WITH AUTOMATICS. IMPROVED CARBURATION, EXHAUST SYSTEM AND IGNITION NEEDED TO OBTAIN FULL POTENTIAL FROM THESE CAMSHAFTS.
- DURATION @ .050 OF OVER 240.** THESE CAMSHAFTS WILL HAVE ROUGH IDLE AND VERY LOW MANIFOLD VACUUM. HIGH RPM HORSEPOWER AND TORQUE. FOR USE IN MODIFIED ENGINES ONLY. WILL NEED SPECIAL GEARING. USE WITH MANUAL TRANSMISSIONS OR VERY HIGH STALL CONVERTER IF USED WITH AUTOMATICS.



**Avon Automotive**  
18 North Newberry  
La Grange, Illinois 60525

Toll Free: 800-323-4281  
Tel: 708-352-6870  
Fax: 708-352-1627

[www.progearweb.com](http://www.progearweb.com)