

HIGH PERFORMANCE TIMING CHAIN SETS

Featuring hardened teeth for durability and multi keyway for precise cam timing.

Part Number	Application	Sensor Triggers	Type	Chain Part Number
CS6250	Ford Falcon 6 200-250	N/A	Double	3DR 52-IWIS
CS6250+010	Falcon 6 Chain Set LB 0.010"	N/A	Double	3DR 60-IWIS + 010"
CS6EA-VS	Ford Vernier Set suit EA-AU Falcon	N/A	Double	3DR 114-IWIS
CS6170	Ford 144,170,200 XM-XP Timing Set	N/A	Double	3DR 50-IWIS
CS8302W	Ford 289, 302, 351 Windsor	N/A	Double	3DR 58-IWIS
CS8302WEFI	Ford Falcon V8 EB on EFI engines and 351 Windsor	N/A	Double	3DR 58-IWIS
CS8302WEFI+005	Ford EB-EF V8 Chain Set + 0.005	N/A	Double	3DR 58-IWIS + 005"
CS8302WEFI+010	Ford EB-EF V8 Chain Set +0.010	N/A	Double	3DR 58-IWIS + 010"
CS8351C	Ford 302-351 Cleveland	N/A	Double	3DR 64-IWIS
CS8351C-SVO	Ford Cleveland stroker engine	N/A	Double	3DR 64-IWIS
CS8351C+005	Ford CS8351C +005" Line Bore Set	N/A	Double	3DR 64-IWIS + 005"
CS8351C+010	Ford CS8351C +010" Line Bore Set	N/A	Double	3DR 64-IWIS + 010"
CS8FE428	Ford FE V8 352-428,	N/A	Double	3DR 64-IWIS
CS8460	Ford 429-460	N/A	Double	3DR 66-IWIS
CS41600	Holden Gemini 1600 Single Row	N/A	Single	3SR 92-IWIS
CS41800	Holden Gemini 1800-2000 Single Row	N/A	Single	3SR 94-IWIS
CS6VN	Holden VN V6 Single Row to Nov'90	N/A	Single	3SR 54-IWIS
CS6VP	Holden VN,VP Nov'90 on 2 spline oil pump	N/A	Single	3SR 54-IWIS
CS6VS	Holden Oct-94 on VR,VS,VT 6 spline oil pump	N/A	Single	3SR 54-IWIS
CS6VNHP	Holden VN V6 Double Row Timing Set. Race Only	N/A	Double	3DR 54-IWIS
CS6VSVTHP	Holden Ecotec Double Row Timing Set	N/A	Double	3DR 54-IWIS
CS8308	Holden V8 Suit 308 Carby and 304/355 EFI	N/A	Double	3DR 62-IWIS
CS8308+005	Holden 308 Linebore Timing Set 0.005"	N/A	Double	3DR 62-IWIS + 005"
CS8308+010	Holden 308 Linebore Timing Set 0.010"	N/A	Double	3DR 62-IWIS + 010"
CS8P76	Leyland Rover, P76 V8	N/A	Double	3DR 54-IWIS

HOLDEN 6CYL TIMING SETS

Featuring Multiple keyways for precise cam timing

Part Number	Description
CS6202	Straight cut hardened steel gears for maximum durability.
44HP	Helical gears for silent running, alloy cam gear, multi keyway iron crank gear & thrust plate.

VERNIER CAM GEARS

For infinite and simple adjustment of valve timing

Part Number	Description
CS42000-V	Ford 2000 steel vernier gear. CS8LS1-SRV GM LS1 Vernier Single Row Gear Set
CS6EA-V	Ford EA- AU vernier cam gear. Not VCT motor CS8LS7-SRV GM LS7, L98 Three Bolt Vernier Single Row Set
CS6RB30-V	Nissan RB30 vernier gear. Aluminium.

HOLDEN LS CAM GEARS

(See LS Grinds Page) Cam gear only.

Part Number	Description
CS12586481	VE 3 Bolt Gear Genuine GM Single Row 4 Triggers
CS8LS-VE3	3 Bolt Heavy Duty Steel Cam Gear Single Row 4 Triggers

CAM FOLLOWERS

HYDRAULIC LIFTERS

NOTE* C SUFFIX DENOTES LIFTER WITH HEAVY DUTY CHILLED IRON BASE

Part Number	Application	Model	Body Diameter	Oil Thru Pushrod
HT817C	GM	Chevrolet	.840"	Yes
HT900	Ford	Falcon Xflow 6, Cleveland, Windsor V8 & 429-460	.872"	Yes
HT950	Ford Falcon 6, FE V8	Pre Xflow 6, FE V8	.872"	No
BA-ADJ-1	Ford	BA 6 Cyl Hyd Lifter	.550	No
HT951	Pontiac, Olds	Most V8	.840"	Yes
HT969C	Holden	Red, Blue, Black 6, V8	.840"	Yes
HT2011	Chrysler	Hemi 6 and V8	.902"	Yes

HIGH RPM HYDRAULIC LIFTERS

HT817R	GM	Chev	.840"	Yes
HT900R	Ford	Falcon Xflow 6, Cleveland, Windsor V8 & 429-460	.872"	Yes
HT969R	Holden	Red, Blue, Black 6, V8	.840"	Yes
HT2011R	Chrysler	Hemi 6 and V8	.902"	Yes

SOLID LIFTERS

AT31	Chrysler	Slant 6	.902"	No
VT101	Ford	Cortina 1500 1967-69	.435"	No
AT282	Ford Falcon 6, FE V8	Pre Xflow 6, FE V8	.872"	No
AT992	GM	Chevrolet & Holden	.840"	Yes
AT2000	Ford	Falcon Xflow 6, Cleveland, Windsor V8 & 429-460	.872"	Yes
AT2014	Ford	Cortina 1600 1970-81	.514"	No

SOLID LIFTERS WITH POSITIVE EDM OILING TO LIFTER FACE

AT2000L-16	Ford	Falcon Xflow 6, Cleveland, Windsor V8 & 429-460	.872"	Yes
AT992L-16	GM	Chevrolet and Holden	.840"	Yes

ULTRA LIGHT EXTREME DUTY SOLID LIFTERS EDM OILING TO LIFTER FACE

AT992UL-16	GM	Chev/Holden Ultralight EDM	.840"	Yes
AT2000UL-16	Ford	Xflow 6, Cleveland and Windsor v8	.872"	Yes

HYDRAULIC ROLLER LIFTERS STREET PERFORMANCE. .700" ROLLER DIAMETER

Part Number	Application	Model	Body Diameter	Type
3800R	GM 3800 V6	VN to VT Heavy Duty	.840"	Standard Replacement
5200H	Chevrolet	Small Block V8 Retro Fit to 1986	.840"	Tie Bar
5201H	Chevrolet	Small Block V8 1986-on	.840"	Standard Replacement
5208H	Holden	Red, Blue, Black V8 & EFI	.840"	Tie Bar
5210H	GM	Chev/Holden Ultralight EDM	.840"	Tie Bar
5250	GM	LS V8 LS7 Style	.840"	Genuine HD Standard Replacement
5251	GM	LS V8 Street Performance	.840"	Tie Bar
5263AFM	GM	LS V8 L76 AFM Engine	.840"	Standard Replacement (8 x 5250, 8 x 5250AFM-1)
5250AFM	GM	LS V8 L76 AFM Engine	.840"	Standard Replacement Set of 8 AFM Lifters
5300H	Ford	Windsor EFI V8 Factory	.872"	Standard Replacement
5318H	Chrysler	Small Block V8 Retro Fit	.902"	Tie Bar
5325	Ford	Big Block V8 460 and FE	.875"	Tie Bar

CAM FOLLOWERS

HYDRAULIC ROLLER LIFTERS HIGH RPM STREET RACE BILLET BODY .750" ROLLER DIAMETER

NOTE* USE 5W40 OR LIGHTER WEIGHT OILS IN HIGH RPM HYDRAULIC ROLLER LIFTERS

Part Number	Application	Model	Body Diameter	Type
5044	Chevrolet	Small Block V8 Retro fit to 1986	.840"	Tie Bar
5294	GM	LS V8	.840"	Tie Bar
5879	Ford	Cleveland & Windsor V8 - High RPM Lifter	.872"	Tie Bar

SOLID ROLLER LIFTERS STREET RACE .750" ROLLER DIAMETER

5200C	Chevrolet	Small Block V8 Retro fit to 1986	.840"	Tie Bar
5208	Holden	Red, Blue, Black V8	.840"	Tie Bar
5210	Chevrolet	Big Block V8	.840"	Vertical Tie Bar
5211	Chevrolet	Big Block V8	.840"	Horizontal Tie Bar
5261	GM	LS V8	.840"	Tie Bar
5300	Ford	Windsor V8	.872"	Tie Bar
5351	Ford	Cleveland V8	.872"	Tie Bar

SEVERE DUTY SOLID ROLLER LIFTERS WITH PRIORITY OILING

4838PF	Chevrolet	Small Block .180" Int Offset L&R	.840"	Tie Bar
5200PF	Chevrolet	Small Block V8 Severe Duty	.840"	Tie Bar
5212PF	Chevrolet	Big Block V8 Severe Duty	.840"	Tie Bar
5300PF	Ford	Windsor V8 Severe Duty	.872"	Tie Bar
5351PF	Ford	Cleveland V8 Severe Duty	.872"	Tie Bar

ULTIMATE RACE SOLID ROLLER LIFTERS

BUSH BEARING PRESSURE FED LUBRICATION FOR MAXIMUM LOAD RATING

4838BUSH	Chevrolet	Small Block V8 .180" Offset L&R	.840"	Tie Bar
5200BUSH	Chevrolet	Small Block V8 Extreme Duty	.840"	Tie Bar
5212BUSH	Chevrolet	Big Block V8 Extreme Duty	.840"	Tie Bar
6177BUSH	Holden	LS Engines V8 Super Duty	.840"	Tie Bar
5300BUSH	Ford	Small Block V8 Extreme Duty	.872"	Tie Bar

CAM FOLLOWER ARMS

Part Number	Application	Model
RR368	GM, Daewoo	All Family 1, 4 Cylinder Engines
RR811	Ford	Cortina 2000cc OHC Engine

LIFTER GUIDES HEAVY DUTY GM PERFORMANCE LS7 STYLE. SUIT ALL LS FACTORY LIFTERS

LS7GUIDE	GM	All LS Engines (4 Required Per Engine)
LS7LIFTERKIT	GM	All LS Engines. OEM Lifter & Lifter Guides Kit

PERFORMANCE VALVE SPRING APPLICATION

Crow Cams valve springs are made from aircraft quality alloy steels to give the best performance and reliability at a reasonable price. They are specially designed to suit our high lift, high acceleration profiles. The following is a guide to popular applications, if yours is not here see the spring specification chart on page 40 or call our technical staff. **Making correct measurements before assembly is critical as many variables are present to catch the unwary.**

Part Number	Installed Height	Installed Pressure	Pressure @ .5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
CHEV. BIG BLOCK 396 - 454 Standard retainers have large step which may bind on damper.							
7737-16	1.880"	90	265	.520"	1.310"	12700	12708-16
7437-16 ^D	1.880"	108	293	.780"	1.050"	12700	12708-16
4910-16 ^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	12710 / TR405	12708-16
8937-16 ^D	1.900"	120	305	.650"	1.180"	12710	12708-16
9731-16	1.950"	130	295	.720"	1.180"	12700	12708-16
8337-16 ^{2D}	1.980"	105	275	.725"	1.114"	12710	12708-16
9936-16 ^{5D}	1.980"	125	330	.800"	1.180"	12710	12708-16
9950-16 ^{5D}	1.980"	150	380	.820"	1.110"	12710	12708-16
9945-16 ^{5D}	1.980"	125	350	.760"	1.170"	12710	12708-16
4920-16 ^D	2.000"	250	565	.770"	1.180"	12710 / TR405	12708-16

CHEV. SMALL BLOCK V8

4931-16	1.700"	80	230	.550"	1.100"	11707	11701-16
4828-16	1.700"	115	285	.570"	1.080"	11707	11701-16
4830-16	1.700"	120	275	.550"	1.100"	11707	11701-16
4833-16	1.700"	110	320	.570"	1.080"	11707	11701-16
4328-16 ^D	1.700"	90	230	.700"	.940"	11707	11701-16
4843-16	1.700"	120	320	.490"	1.160"	11707	11701-16
7328-16 ^{2,3D}	1.700"	140	285	.690"	.960"	11700	11701-16
4438-16 ^D	1.800"	120	310	.725"	1.025"	11717	4133-16
7333-16 ^{2,3D}	1.800"	130	265	.700"	1.050"	13101/11710	11101-16 / 4134-16
7331-16 ^{2,3D}	1.800"	155	310	.700"	1.050"	13101/11710	11101-16 / 4134-16
8945-16 ^{2,3D}	1.800"	180	435	.720"	1.040"	13102	11101-16
4845-16	1.850"	90	290	.660"	1.140"	11717	4134-16
4235-16	1.850"	115	310	.720"	1.08	11717	4134-16
7342-16 ^{2,3D}	1.850"	125	320	.760"	1.040"	13101/11710	11101-16 / 4134-16
7437-16 ^{3D}	1.850"	115	305	.750"	1.050"	13101/11710	11101-16 / 4134-16
4910-16 ^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	13101 / TR405	11101-16
4920-16 ^D	2.000"	250	565	.770"	1.180"	13101 / TR405	11101-16

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.