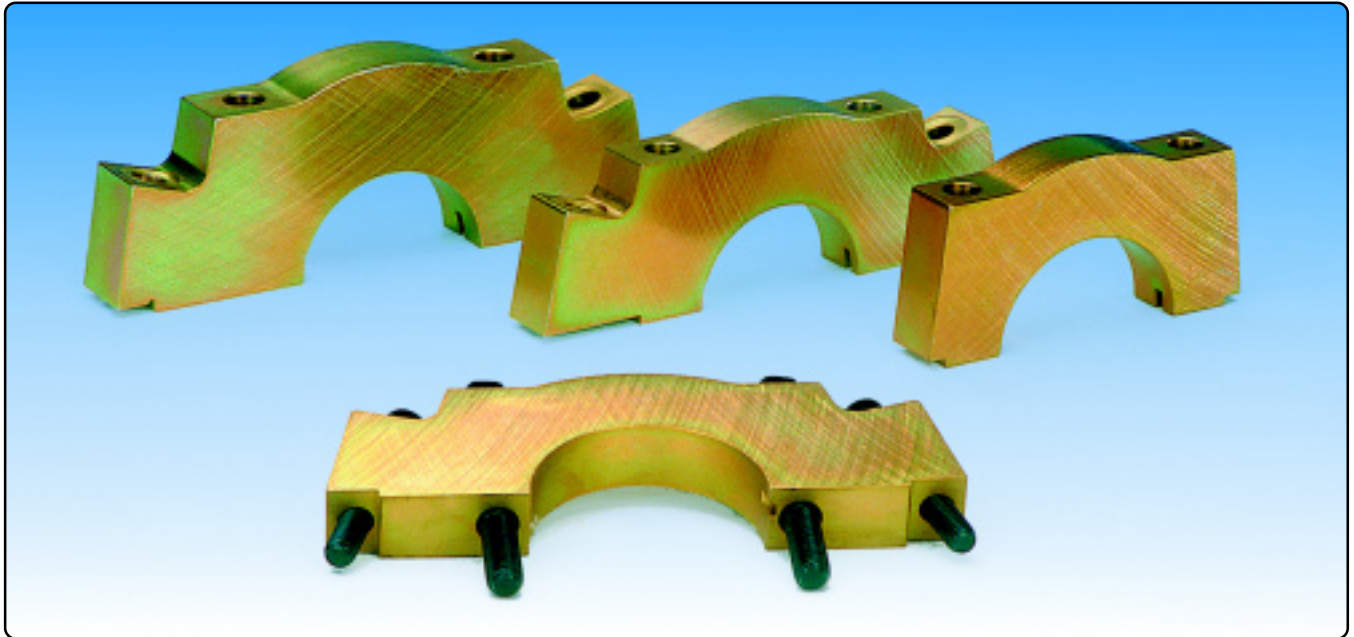




MAIN CAPS



These aftermarket main caps will strengthen not only factory 2 bolt blocks, but also 4 bolts. Unlike the factory caps, these not only have more cross sectional strength, but the real secret is in the angled side bolts!

The side bolts are angled so they pull from the side walls of the block and not the flimsy main web area. A bolt that is angled will require a massive amount of additional load to flex or stretch, let alone break, compared to a conventional straight up bolt. The side bolts heavily load the cap against the register step which stops “cap walk”. It is cap walk that causes a great amount of unforeseen bearing damage and horsepower loss.

Milodon main caps are CNC machined from high strength ductile material which has the proper balance of strength yet is not too rigid that would allow transfer of increased shock loads to the crank and bearings. In this case more is not better when it comes to hardness.

Only .030” of material removal is required upon initial installation, which will allow 100% cleanup on a damaged block. The drill bushing used to drill and tap the side bolt holes is included in the kit. The side bolts can be installed by anyone with a hand drill and a tap. If the block has square main registers, the block needs only a standard align bore to finish the job. Milling the mains is only necessary if the main registers are not square.

All necessary bolts, washers and the drill bushing are included in the center three cap kit. For maximum strength the installation of Milodon main studs are highly recommended.

SMALL BLOCK CHEVY	MAIN CAP#	STUD KIT #	
		w/o Tray	with Tray
283-327 Journal (Angled Bolts)	11050	81128	81129
283-327 Journal, Front Cap, 2 Bolt	11053		
350 Journal, Factory 2 Bolt (Angled Bolts) ¹	11150	81128	81129
350 Journal, Front Cap, 2 Bolt	11153		
350 Journal, Factory 4 Bolt (Angled Bolts) ²	11160	81128	81129
350 Journal, Factory 4 Bolt (Straight Bolts)	11165	81130	81131
400 Journal, 2 or 4 Bolt Blocks (Angled Bolts)	11180	81128	81129
400 Journal, Front Cap, 2 Bolt	11183		
400 Journal (Straight Bolts)	11185	81130	81131



MAIN CAPS



STUD KIT #

BIG BLOCK CHEVY	MAIN CAP#	w/o Tray	with Tray
396-454, 2 or 4 Bolt Blocks (Angled Bolts)	11200	81133	81134
396-454 (Straight Bolts)	11205	81140	81141
396-454, 4 Bolt Front Cap (Angled Bolts) ³	11210	(Note 6)	(Note 6)
396-454, 4 Bolt Front Cap (Straight Bolts)	11211	(Note 6)	(Note 6)
FORD	MAIN CAP#	w/o Tray	with Tray
302 - 2 Bolt Caps (Straight Bolts)	11400	81155	81156
351W (Angled Bolts) ⁴	11420	81175	81164
351C (Angled Bolts)	11440	81169	81170
351C, Front Cap (Angled Bolt)	11445	(Note 6)	(Note 6)
429/460 (Angled Bolts)	11450	81188	81189
CHRYSLER	MAIN CAP#	w/o Tray	with Tray
318-340 (Angled Bolts)	11300	81183	81184
360 (Angled Bolts)	11310	81183	81184
354 Hemi (Angled Bolts)	11320	81183	
392 Hemi (Angled Bolts)	11350	81183	
383-400 Low Block Wedge, 2 Bolt (Straight Bolts)	11361	81183	
383-400 Low Block Wedge, 2 Bolt (Straight Bolts) 5 Cap Set .	11362	81183	
426-440 RB Wedge, 2 Bolt (Straight Bolts)	11360	81183	
426-440 RB Wedge, 2 Bolt (Straight Bolts) 5 Cap Set ⁵	11365	81188	
PONTIAC & OLDS	MAIN CAP#	w/o Tray	with Tray
Pontiac 421, 428, 455 (Straight Bolts)	11500	81222	81224
Pontiac 421, 428, 455 (Front Cap Only)	11501		
Pontiac 350, 389, 400 (Straight Bolts)	11505	81222	81224
Pontiac 350, 389, 400 (Front Cap Only)	11506		
Olds 400, 425, 455 2 Bolt Caps (Straight Bolts)	11550	81175	
Olds, Front Cap - 2 Bolt	11555		
AUSTRALIAN HOLDEN	MAIN CAP#	w/o Tray	with Tray
253-308 (Angled Bolts)	11570	81145	81146

For maximum strength, the installation of Milodon main studs are highly recommended.

- NOTE:
- 1 - Narrow register 4.490" wide.
 - 2 - Wide register 6.200" wide.
 - 3 - Requires slight pan clearancing in some areas.
 - 4 - Requires SVO block pan notch or clearancing #4 main web area of pan.
 - 5 - Bolts must be used on #5 rear main due to space limitation of rear seal.
 - 6 - Studs for front caps are included in the 4 bolt kits.