

FORD GODZILLA



Callies has stepped up to the plate and brought a US-made, fully counterweighted, forged crank to market for the venerable 7.3" Ford Godzilla platform. Machined from an ultra-high quality 4340 forging, the Magnum crankshaft for the Godzilla is able to take on virtually any task; from stock replacement and hot rods to ultra high output drag racing.



Ford Godzilla Magnum

Average Weight for 4.500" Stroke, Unbalanced: 58 lb.

Available Options

- Stroke range of 3.000" to 4.600"
- Crafted from Callies' premium 4340 forging
- Fully counterweighted
- Several rod journal sizes available
- Rod throws lightened
- Gun drilled mains

Stroke:	Main:	Pin:	Cammed for Rod Length	Part #:
3.976	2.657	2.086	6.300	8B5ABOV-MG
4.125	2.657	2.100	6.300	8RU-B1V-MG
4.375	2.657	2.100	6.350	8RB-B1V-MG

Stroke:	Main:	Pin:	Cammed for Rod Length	Part #:
4.500	2.657	2.100	6.300	8RQ-B1V-MG
4.600	2.657	2.100	6.350	8R45B1V-MG

Ford Godzilla Ultra H-Beam - Rated for 1,600 HP

Length	Journal	Pin	Typ. Wt.	Part #
6.300	2.100	0.866	670g.	U16615
6.319	2.239	0.991	710g.	U16620
6.319	2.239	0.985	710g.	U16621
6.350	2.100	0.927	673g.	U16625

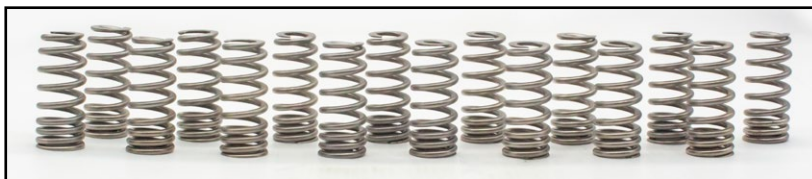


Ford Godzilla Valve Springs

PAC#	Spring Rate	Installed Height	Seat	Open @ .650" Lift	Max Lift	Coil Bind
1282X	400 lb/in	2.350"	160 lb	420 lb	.800"	1.490"
1282LX	400 lb/in	2.250"	199 lb	467 lb	.700"	1.490" *

*w/ -.100" Retainer

PSI#	Spring Rate	Installed Height	Seat	Open @ .650" Lift	Max Lift	Coil Bind
CA21352	403 lb/in	2.362"	165 lb	427 lb	.675"	1.627"



Ford Godzilla Main Caps

Part #	Description
000-GZILLAKIT	Godzilla Main Caps
000-GZILLAMSTK	Godzilla Main Caps & Main Studs
000-GZILLAMHSTK	Godzilla Main Caps, Main Studs, & Head Studs



Ford Godzilla Main & Head Studs - OptiTorque

Part #	Description	Material	Tensile Strength
10696	Godzilla Main Stud Kit	Torque Master	190-240 ksi
10697	Godzilla Head Stud Kit	Torque Master	190-240 ksi

Callies Finish Ground Cams

Callies fully finished camshafts are machined and heat treated entirely in house. This continuity of manufacturing allows Callies to deliver high quality camshafts on schedule. Our finished cams are ground with the latest Landis CNC technology. They are ADCOLE and Jenoptik inspected for accuracy, making them the most consistent cams on the market today. If required, your cams can be finished with inverted flank lobe profiles and complex VVT oil channels and drillings.

Valve Train Group - VTG is the finish ground series of camshafts manufactured by Callies Performance Products. We offer cams to serve a wide variety of applications for many popular engine platforms.

The Callies Performance Valve Train Group (VTG) has worked closely with Brian Wolfe, at Willis Performance, to develop and test our camshafts for the Ford 7.3 Godzilla engine platform. Through meticulous dyno testing, we've refined our offerings to cover the right variety of applications to suit your needs.



Callies Finish Ground Cam List - Ford 7.3 Godzilla

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .006)		Cam Lift		Valve Lift w/1.8 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Application
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
175 - Ford 7.3 Godzilla															Hydraulic Roller
175-001	HR	220	226	276	282	0.350	0.345	0.630	0.621	115 + 6	109	121	0.053	0.032	Nice boosted cam for stock engine.
175-002	HR	220	226	276	282	0.350	0.345	0.630	0.621	111 + 6	105	117	0.064	0.040	We call this one "Truckzilla". Great NA cam for stock engine. 600 hp - 600 tq RPM range: 2500-6200
175-008	HR	220	226	276	282	0.350	0.345	0.630	0.621	109 + 5	104	114	0.068	0.047	Same as 175-002, except tighter LSA. Slightly more power, but reduced range. 2800-6200
175-006	HR	224	230	288	295	0.375	0.376	0.675	0.677	115 + 6	109	121	0.059	0.037	Similar to 175-001, except more lift and duration.
175-009	HR	230	242	281	291	0.368	0.368	0.662	0.662	111 + 5	106	116	0.079	0.066	Nice NA cam for increased rpm and power in modified engine. 650+ hp. RPM range: 3200-6500
175-011	HR	230	250	281	299	0.368	0.368	0.662	0.662	111 + 5	106	116	0.079	0.066	175-009 w/ 250 exhaust duration. Gained 15hp above 5000 rpm - lost a little torque down low.
175-005	HR	232	244	287	296	0.350	0.345	0.630	0.621	115 + 5	110	120	0.068	0.056	Works well with Procharger. 1100+ HP w/F1A
175-013	HR	234	246	285	295	0.368	0.368	0.662	0.662	112 + 5	107	117	0.083	0.069	NA cam for modified engine with aftermarket intake. Great power in 3800-6800 RPM range.
175-012	HR	238	246	294	313	0.353	0.353	0.635	0.635	116 + 5	111	121	0.074	0.057	Good turbo cam for modified engine at higher RPM.
175-007	HR	240	250	314	324	0.375	0.375	0.675	0.675	111 + 6	105	117	0.095	0.072	Street / track cam for modified engine. 675+ hp. RPM range: 4000-6800
175-014	HR	244	256	294	308	0.368	0.366	0.662	0.659	114 + 5	109	119	0.091	0.078	Street / track cam for modified engine with aftermarket intake. 700ish HP. RPM range: 4200-7200
175-004	HR	254	264	328	338	0.362	0.362	0.652	0.652	112 + 5	107	117	0.109	0.092	High rpm cam for modified engine with aftermarket intake. 690 hp - 550 tq RPM range: 4500-7500
175-003	HR	254	264	328	338	0.362	0.362	0.652	0.652	116 + 6	110	122	0.099	0.077	Same as 175-004, except wider LSA. 676 hp - 540 tq.
175-010	HR	254	264	328	338	0.362	0.362	0.652	0.652	118 + 6	112	124	0.093	0.071	Same as 175-003, except wider LSA. Intended for large centrifugal blower in the 1500+ HP range.