

**TERMINOLOGY IN CATALOG:**

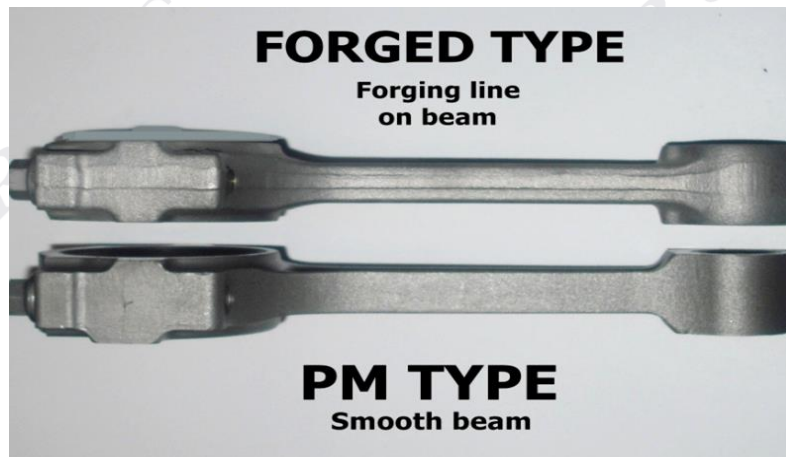
**Fractured cap/broken** – Rod that is fractured at the parting line, leaving a rough and uneven surface.

**Machined cap** - Rod that is machined smoothly at the parting line between cap and rod.

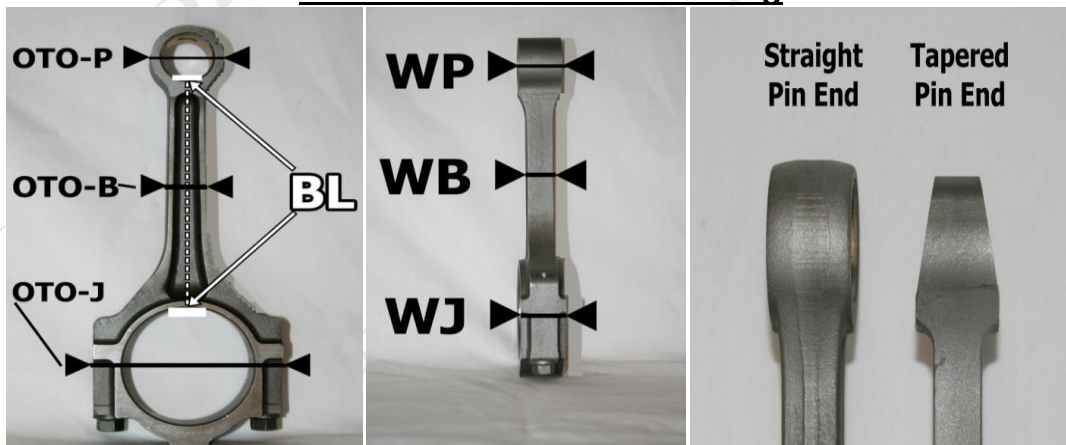
**Forged type** – Rod with a thick forging line running down the side of the beam.

**Pm/smooth type** – Rod made from powdered metal with a smooth texture.

Pm and forged refer only to the consistency of metal and general appearance of rods, and have nothing to do with how the caps are machined. Both forged and pm rods can have either machined or fractured caps.



**Measurements Used in Catalog**



\*BL – or 'Beam Length' is obtained by measuring from the inside of the pin end to the inside of the crank end.

CC/ Rod  
 LITER CID Engine/Specs/Descr/Notes Years Cyl Bore Forg# Part#

ACURA								
1.5	1496	L15/LEA – ILX	13-14	4	1.6939		RB1	761
1.6	1590	D16A1 DOHC/Integra	86-87	4	1.8907		PG6, PG6B	711
1.6	1590	D16A1 DOHC/Integra	88-89	4	1.8907		6	725
1.7	1678	B17A1 DOHC 16V/GS-R	92-93	4	1.8907		P61	732
1.8	1797	B18C1/C5 VTEC Integra WJ=.835	94-01	4	1.8907		P72	737
1.8	1834	B18A1 & B1/DOHC/Integra WJ=.940	90-01	4	1.8907		PR4	707
2.0	1996	K20C4 – RDX	19-20	4				767
2.0	1997	R20A5/ILX	13-15	4				760
2.0	1998	K20A/K20Z - Base	02-06	4	1.8907		PNA	790
2.0	1998	K20A/K20Z - Type S	02-06	4	2.0087		PRB	733
2.2	2156	F22B1 SOHC/CL	1997	4	2.0087		PT3	728
2.3	2260	F23A1	98-99	4	1.8907		PAA	734
2.3	2300	K23A – RDX Turbo	07-12	4	2.0087		RWC	787
2.4	2354	K24 – Identify from forg#/spec below	04-20	4				
		Mach. Cap / OTO-B = .775			2.0087	Weighs 620g	RBB	789
		Mach. Cap / OTO-B = .650			2.0087	Weighs 585g	RBB	789L
		Fractured Cap (ILX/TLX 09-20)			2.0087	Weighs 595g	R40, 5A2	740
		Fractured Cap (TSX 11-14)			2.0087	Weighs 605g	RL5	799
2.5	2451	G25A1 & A4/DOHC/TL & Vigor	92-98	5	1.8907		PV1	735
2.5	2494	C25A1/SOHC/Legend	86-87	6	2.1663		PH7	724
2.7	2675	C27A1/SOHC/Legend	87-90	6	2.1663		PH7	724
3.0	2997	J30A1/SOHC/CL	97-99	6	2.2057		P8E, P8A	736
3.0	2997	JNA2 – MDX	17-20	6	2.2057			736
3.2	3165	6VD1 SOHC FI/SLX	96-97	6	2.2441		2 Dots	912
3.2	3206	C32A1 & A6/DOHC/Legend & TL	91-98	6	2.2441		PY3	714
3.2	3206	J32A1 & A2/SOHC/CL & TL	99-08	6	2.2845		PGE	739
3.5	3471	J35A/SOHC 24V/MDX/TL/RL(05-up) use below:	01-20	6				
		Forged Beam - Machined Cap	(01-08)		2.2845	(630 grams)	PGK,RDJ,RJA0	745
		Smooth Beam - Fractured Cap	(09-20)		2.2845	(620 grams)	R70/PVF (ink)	796
3.5	3474	C35A1/SOHC/RL (96-04)	96-04	6	2.2441		P5A	741
3.5	3494	6VE1 Isuzu	98-99	6	2.2441		Dots	922
3.7	3664	J37A	07-14	6	2.3635		RYE, RKG	797
AMC								
2.5	150	2.46	83-88	4	2.2085	6.125 c-c	544,691	753
2.5	150	2.46 Used rarely.	83-88	4	2.2085	6.125 c-c	351	763
2.5	151	Pontiac engine	80-83	4	2.1252		324	521
3.2	196		53-65	6	2.2085		3145608	1308
3.3	199		65-70	6	2.2085		338	1310
3.8	232		66-79	6	2.2085	5.875 c-c	352,707	1311
3.8	232		64-66	6	2.2085		3174472	1309
4.2	258	Might be used in 232	71-88	6	2.2085	6.125 c-c	207	752
4.2	258	WJ=1.060	71-88	6	2.2085	5.875 c-c	352,707	1311

**ALL PART #'S ARE STANDARD SIZE. FOR .002 OVERSIZED RODS,  
 ADD 'OS' AT THE END OF PART # e.g. 447os (only available on 'broken' rods)  
 ALL RODS WITH BUSHINGS ARE FITTED TO SIZE**

LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
4.8	290	WJ= .980	66-69	8	2.2085	352,707	1312
5.0	304		70-79	8	2.2085	352,707	1312
5.6	343		66-69	8	2.2085	352,707	1312
5.9	360		70-88	8	2.2085	352,707	1312
<b>CHRYSLER/DODGE/EAGLE/PLYMOUTH</b>							
1.4	84	Dart Turbo w/bushing	13-16	4	1.7771		394
1.4	86	G12B/SOHC/Champ-Colt	79-84	4	1.7725	(Carb.)	419
1.5	90	G15B/SOHC/Colt WJ=.860	85-88	4	1.7725	(Carb.)	419
1.5	90	4G15/SOHC/Colt WJ=.780	87-94	4	1.7725	(F.I.)	435
1.6	97	G32B/SOHC/Chal-Colt-Arrow	84-88	4	1.8905	(Square Pin Housing.)31	420
1.6	97	4G61/DOHC/Turbo Colt	89-90	4	1.8905	(Pin=.827) G6	426
1.8	107	4G37/SOHC/Laser	90-94	4	1.8905	(Round pin end) G3	418
1.8	112	4G93/SOHC/Colt Vista	92-94	4	1.8905	(Pin=.750) 93	417
1.8	110	GEMA/World Engine – Caliber	07-09	4	2.0084	18	318
2.0	120	4G52 – flat pin end	74-82	4	2.2055	52	422
2.0	122	420A S/DOHC Neon	95-05	4	2.0081		442
2.0	122	GEMA /World Engine – Caliber	07-12	4	2.0084	Press-fit 20	320
2.0	122	Tigershark - Dart	13-16	4	2.2055	Free-Float(no bushing) 0	380
2.0	122	G63B/SOHC 8 & 12V	84-91	4	1.8905	(Pin=.827) G6	426
2.0	122	4G63/DOHC 16V	89-92	4	1.8905	(Pin=.827) G6	426
2.0	122	4G63/DOHC16V/Laser&Turbo	93-95	4	1.8905	(Pin=.865) G6	416
2.2	135	Use below:	86-95	4			
		2BC pressed fit WR= 690g		4	2.0868	5203385	415
		SOHC FI pressed fit WR=660g		4	2.0868	4323218LW	427
		Turbo Motors DOHC FI free floating		4	2.0868	w/ bushing 4323958	432
2.3	143	Turbo Diesel (Mitsubishi)	83-86	4	2.2055	##D	424
2.4	143	G64B/SOHC 12V	90-93	4	1.8905	(PIN=.827) G6	426
2.4	143	4G64/SOHC 16V/Colt Vista	93-96	4	1.8905	(PIN=.865) G6	416
2.4	143	4G64/SOHC 16V	01-04	4	1.8905	(PIN=.865) G6	416
2.4	144	Caliber SRT4 – Turbo Free-Floating	08-09	4	2.0084	Turbo w/ bushing	314
2.4	144	GEMA/World-200/Aven/Calib/Jour/Nitro/Sebr(07-10)	07-20	4	2.0084	Press-Fit 24	324
2.4	144	Tigershark – Dart/200/Promaster	13-20	4	2.2055	Free-Floating 4	384
2.4	146	EDZ- Brz/Carvn/Cirr/Sebr(96-06)/Stra/PT/Voyg	96-10	4	2.0868		443
2.4	146	NeonSRT4 <sup>(03-05)</sup> & PT Turbo <sup>(03-10)</sup> Turbo w/bushing	03-10	4	2.0868	Turbo w/bushing	343
2.5	150	2.46/Dakota	96-02	4	2.2085	544,691	753
2.5	150	2.46/Dakota	96-02	4	2.2085	548	773
2.5	152	6G73 Avenger/Cirrus/Sebring/Stratus	95-00	6	2.0868	72	431
2.5	153	Use below:	86-95	4			
		SOHC pressed fit BL= 4.450		4	2.0868	4323218LW	427
		SOHC/"tall block"-pressed fit BL=4.675		4	2.0868	4323649	428
		DOHC FI free floating		4	2.0868	w/ bushing 4323958	432
2.6	156	G54B/SOHC	78-89	4	2.2055	52	425

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
2.7	164	LH/EER – Individual std. size rod	98-10	6	2.2245	Std Size	447
		2.7 – Set of 6 - .002 o/s	“	“	2.2265	.002 o/s - set of 6	6447
2.7	164	Sprinter Turbo Diesel	03-04	5			327
2.8	170	Valiant,Barrac,1/2 Ton	60-71	6	2.3130	1947167	305
3.0	181	6G72 S & DOHC	88-05	6	2.0868	72	431
3.0	182	Sprinter Turbo Diesel	07-09	5			328
3.2	195	Use the following: (see pg1 for pics/expl.)	98-08	6	2.4018		
		Machined Cap			2.4018	4792136	344
		Fractured Cap – Straight Pin End			2.4018	3AA	334
		Fractured Cap – Tapered Pin End			2.4018	4AA	335
3.2	198	Barrac.,Dart,1/2 Ton	70-74	6	2.3130	2951260	1823
3.3	201	OHV use below: (see pg1 for pics/expl.)	90-10				
		Machined Cap	90-04	6	2.4018	4448903/4654355/4621694	430
		Fractured Cap	04-10	6	2.4018	014AA	330
3.5	215	Alum. Hd use below (see pg1 for pics/expl.)	93-10	6			
		Machined Cap			2.4018	4573149	434
		Machined Cap			2.4018	4792136	344
		Machined Cap			2.4018	4663422	444
		Fractured Cap – Straight Pin End			2.4018	3AA	334
		Fractured Cap – Tapered Pin End			2.4018	4AA	335
3.6	220	Pentastar	11-20	6	2.45??		336
3.7	225	(Cast Crank)	76-87	6	2.3130	3751142/4180644	414
3.7	225	(Forged Crank)	60-76	6	2.3130	2205554	304
3.7	226	Use the following:	02-12				
		w/ bearing notches			2.4094	w/ notches	337
		w/o bearing notches			2.4094	Std Size/no notches	337n
		Set of 6-.002 O/S–w/o notches			2.4114	Set of 6 .002 o/s	6337
3.8	232	OHV use the following:	91-10	6			
		Machined Cap			2.4018	Last 3#'s 041/904/356/695	433
		Fractured Cap			2.4018	015AA	333
3.9	239		87-88	6	2.2505	3418645	438
3.9	239	Magnum V6	88-03	6	2.2505	53005798	437
4.0	244	Grand Caravan/Nitro/Pacifica/Town&Country	07-11	6	2.4018	4AA	335
4.5	273		62-69	8	2.2505	1618699,2406782	406
4.7	287	Use below:	99-13	8			
		PM Press-Fit w/bearing notches			2.1262	Std Size w/notches	347
		(.002 O/S–set of 8–w/notch(w/o notch upon request)			2.1282	.002 o/s – set of 8	8347
		PM Press-Fit w/o bearing notches			2.1262	Std Size, no notches	347n
		H.O. – Floating Pin			2.1262	Free-Floating(no bushing)	349
		Corsair/Hemi style - 2 plugs/cylinder Forged beam/Fractured cap/Tapered pin end	08-13		2.1262	'E' by bolt	348

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5.2	318	Free-floating w/bushing	57-69	8	2.2505	1618699,2406782	406
5.2	318		70-87	8	2.2505	2899496,3418645	413
5.2	318	Free-floating w/bushing	71-73	8	2.2505	2899496,3418645	1821
5.2	318	Magnum – Press-Fit	88-03	8	2.2505	53005798	436
5.3	326	Free-floating w/bushing	1959	8	2.2505	1618699,2406782	406
5.6	340	Free-floating w/bushing	68-73	8	2.2505	2899496,3418645	1821
5.7	345	Hemi Order by pic below:	03-20	8	2.2525		
		<b>PRESS-FIT = #357</b>				<b>PRESS-FIT = #367 FREE-FLOAT W/bushing = #377</b>	
							
5.9	360		74-87	8	2.2505	2899496,3418645	413
5.9	360		88-03	8	2.2505	53005798	436
5.9	361		58-77	8	2.5005	1737692	407
6.3	383		59-71	8	2.5005	1737692	407
6.6	400		72-78	8	2.5005	1737692	407
6.7	413		59-77	8	2.5005	1851535	1817
7.0	426		63-65	8	2.5005	1851535	1817
7.2	440	WR = 865g	66-80	8	2.5005	1851535	1817
7.2	440	HP (Six Pack) WR=925g	72-80	8	2.5005	2951908	1822
<b>FIAT</b>							
1.4	84	Fiat Press-Fit	12-14	4	1.7771	Press-Fit	393
1.4	84	Fiat Turbo w/bushing	13-14	4	1.7771	Free-Floating w/Bushing	394
<b>FORD/LINCOLN/MERCURY</b>							
1.0	60	Turbo EcoBoost-Fiesta/Focus/Ecosport	14-20	3	1.693?		100
1.3	79	Carb. & FI	88-97	4	1.6935	#	807
1.5	91	3cyl. EcoBoost Escape	20-	3			108
1.5	92	4cyl. EcoBoost – Fusion/Escape	14-20	4	1.8520		109
1.6	97	NA Fiesta/Press-fit	11-19	4	1.8520	Press-Fit	111
1.6	97	Turbo-EcoBoost-Escape/Fiesta/Fusion /Transit	13-19	4	1.8520	Free-Floating(no bushing)	110
1.6	98	OHV Pinto – Capri	71-73	4	2.0830	2737	162
1.6	98	Fiesta	78-80	4	2.0830	2737	162
1.6	98	Escort	81-85	4	2.0043	EIEE-BB	169
1.6	98	B6/SOHC/Laser-Tracer	87-89	4	1.8904	B# - Press-fit	814
1.6	98	BP/DOHC Turbo Capri	91-94	4	1.8904	Free-float w/bushing	820
1.8	110	Type VB/Courier	72-78	4	2.2054		803
1.8	112	BP/DOHC/Escort-Tracer w/bushing	91-96	4	1.8904	(If press fit use # 814)ac	820
1.9	116	SOHC/Escort	85-86	4	2.0043	EIEE-BB	169
1.9	116	SOHC/Escort (small rod bore)	87-96	4	1.8468	RFE7EE/none	183
2.0	120	MA/SOHC/Courier	79-82	4	2.2054		805
2.0	122	FS/DOHC 16V/Probe/1991 cc	93-97	4	2.0085	S/#	823
2.0	122	Diesel(Mazda)	84-88	4	2.1267	RF	810

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2.0	122	OHC/Bobcat-Capri	71-74	4	2.1661	SCFEA	163
2.0	122	OHC/Ranger	83-88	4	2.1728	D42E-AA	164
2.0	122	SOHC/Escort/Focus/Tracer	97-04	4	1.8468	RFE7EE/none	183
2.0	122	DOHC/ZETEC/order by specs/forg#'s below (see pg1 for pics/expl.):	98-04	4			
		.748 pin - Forged Beam – Machined Cap			1.9650	8MFS	107
		.787 pin - Smooth Beam - Fractured Cap			1.9650	No forged #'s	177
		.787 pin - Forged Beam – Fractured Cap			1.9650	2M5V	117
		.812 pin - Smooth Beam - Fractured Cap			1.9650	No forged #'s	176
		.812 pin - Forged Beam – Machined Cap			1.9650	8MJS	106
2.0	122	DURATEC Use below:	05-20	4			
		Press-Fit	(05-20)		1.9703	Press-Fit	133
		Free-Float w/bushing	(12-20)		1.9703	Free-Floating	103
2.0	122	Turbo Ecoboost-	12-20	4	2.1671	AG9E	120
2.2	133	F2/SOHC/Probe 12V & Turbo	89-92	4	2.1267	#	812
2.2	134	Diesel (Mazda)	83-84	4	2.2326		811
2.3	138	Corsair/Explorer/Focus/MKC/Mustang/Ranger Ecoboost Turbo Choose from below:	16-20	4	2.1671	Use from 118/119 below, pics of Forged/PM style on page 1	
		Smooth PM style - free-float on metal(no bushing)				(525grams)	118
		Forged #EJ7E – Free-float with pin bushing				(585grams) EJ7E	119
2.3	140	HSC/OHV/Tang=.175	84-85	4	2.2398	E43E-AA	182w
2.3	140	HSC/OHV/Tang=.125	86-94	4	2.2398	E43E-AA	182n
2.3	140	OHC&Turbo center length= 5.20 , weighs 630g	74-94	4	2.1728	D42E-AA	164
2.3	140	OHC/Ranger center length= 5.45, weighs 655g	95-97	4	2.1728	F57E-AA	174
2.3	140	DURATEC DOHC Alum. Hd.	01-11	4	2.0879	Torx Cap Bolt	123
2.3	143	TD (Mitsub.)/2346cc	85-87	4	2.2055	##D	424
2.4	144	Falcon	60-64	6	2.2398	CODE	128
2.5	152	DURATEC 4Cyl-use below (See pg1 for beam pics)	09-20	4	2.1670	Use from 140/141/142 below	
		Machined Cap/Forged beam	(09-20)		2.1670	620grams	141
		Fractured Cap/PM/ (OTO-B = .825, see page 1)	(09-20)		2.1670	620grams	140
		Fractured Cap/PM/ (OTO-B = .650, see page 1)	(17-20)		2.1670	525grams	142
2.5	152	SOHC Ranger VinC, 5.45 center length, 595g	98-01	4	2.1728	F87E	173
2.5	153	Mazda KL/DOHC/24V/Probe	93-97	6	2.2054	L/#	822
2.5	153	HSC/OHV	86-91	4	2.2398	E63E-B1A	186
2.5	155	DURATEC 6cyl. DOHC 24V	95-02	6	2.0879	PM Broken w/ Hex Cap Bolt	175
2.6	156	Capri	72-73	6	2.2378	511	152
2.7	164	Turbo-Continental/Edge/F150/Fusion/MKX/Naut.	15-20	6			127
2.8	170	Falcon	61-72	6	2.2398	C1DE,C3OE	129
2.8	171	Bobcat-Capri	74-79	6	2.2378	511	152
2.8	171	Bronco-Ranger	83-86	6	2.2378		165
2.9	177	Bronco-Ranger	86-92	6	2.2378		196
3.0	181	VG30E/SOHC/2960cc – Villager	93-98	6	2.0871	(oil hole) OWO, 21V	622
3.0	181	VG30E/SOHC/2960cc – Villager	95-98	6	2.0871	(no oil hole) OWO	632
3.0	181	Duratec - DOHC 24V Alum. Hd.	96-12	6	2.0879	PM Broken Rod	175

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3.0	183	Vulcan/OHV/12V (many forg#, all years-same rod)	86-08	6	2.2508	E6AE/F7DE/2F1E	184
3.0	183	DOHC Y (Yamaha)/SHO Taurus	89-95	6	2.1660	KOA00	191
3.0	183	Turbo Diesel F150	18-20	6			137
3.2	195	DOHC P (Yamaha)/SHO Taurus	93-95	6	2.1660	KOB00	193
3.2	195	Turbo Diesel P/S Puma - Transit	15-19	5			132
3.3	200	Comet-Fairlane-Falcon	63-77	6	2.2398	C1DE,C3OE	129
3.3	200	Cougar-Fairmont-LTD	78-83	6	2.2398	D8BE-BA	171
3.3	201	VG33E	99-02	6	2.0871	(oil hole) OWO, 21V	622
3.3	201	VG33E	99-02	6	2.0871	(no oil hole) OWO	632
3.3	204	Cyclone/Duratec F-150, Explorer	18-20	6	2.3571	Tapered pin end	115
3.4	207	DOHC 32V/SHO Taurus Vin N	96-99	8	2.0879		175
3.5	213	Duratec/Ecoboost use below(pin end pic on pg1)	07-20	6			
		Fractured cap - Straight pin end – Hex bolts			2.3571	Smooth cap	105
		Fractured cap - Tapered pin end – Hex bolts			2.3571	Raised arch/band on cap	115
		Machined cap - Forged rod - Torx bolts			2.3571	Flat rect. pad on cap	145
3.6	221	OHV Vin V cc=5.156/WR=525gms.	62-64	8	2.2398	C2OE-A	139
3.6	223	WJ = 1.230	54-60	6	2.4238	EAA-6205	122
3.6	223	WJ = 1.060	61-65	6	2.4238	C1AE-6205	144
3.7	227	Duratec/Ecoboost use below(pin end pic on pg1)	09-20	6			
		Fractured cap - Straight pin end – Hex bolts			2.3571	Smooth cap	105
		Fractured cap - Tapered pin end – Hex bolts			2.3571	Raised arch/band on cap	115
		Machined cap - Forged rod - Torx bolts			2.3571	Flat rect. pad on cap	145
3.8	232	Forged Rod w&w/o Oiling on big end	81-95	6	2.4274	E2AE,E7DE,FODE,F4DE	170
3.8	232	Forged Rod W/Bushing S/C	89-95	6	2.4274	XF4SE	197
3.8	232	PM Broken Rod	96-04	6	2.4274		190
3.9	238	Freestar/Mustang	04-07	6	2.4274		190
3.9	239	L-Head	46-53	8	2.2910	8BA,8CM	116
3.9	239	OHV 500 series 2 ton	54-58	8	2.3128	EBU-A,C2AE	124
3.9	240	V8 – jag type	00-06	8	2.3234	STD SIZE	199
3.9	240	No Oil Hole	65-68	6	2.2758	C5AE-A	146
3.9	240	Oil Hole	69-74	6	2.2758	C8AE-A	156
4.0	244	Use by Forg#/weight below:	90-12	6			
		WR = 585grams - (all forg#'s except #OCA)			2.2378	7AE/7AC/OCB/B3AA/B3BB/ B1LBB . . . . .?	187
		WR= 565grams – (rarely used)			2.2378	OCA	157

4.1	250	Metal Rod/oil & no oil	69-77	6	2.2398	C9DE-A	155
4.1	250	Cast Rod/oil hole	78-81	6	2.2398	D8DE-AA	172
4.2	255	Car & Truck	80-82	8	2.2398	C80E-A	154
4.2	255	L-Head/Meteor-Truck	48-53	8	2.2910	8BA,8CM	116
4.2	256	OHV – Individual std. size rod	97-08	6	2.4274	Std. Size	190
		(Set of 6 - .002 o/s)	“	“	2.4294	Set of 6 - .002 o/s	6190
4.2	256	600 series 2 Ton	54-55	8	2.3128	EBU-A,C2AE	124

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
4.3	260	With w/o oil hole	WR=525g	62-64	8	2.2398	C2OE-A 139
4.3	260	With w/o oil hole	WR=560g	62-64	8	2.2398	C3AE-D 149
4.4	272	400 series 2 Ton		55-58	8	2.3128	EBU-A,C2AE 124
4.6	281	<b>Use from pictures below:</b>		93-14	8	2.2396	
All Part#'s in pictures are Standard Size							
(.002-OS available by adding 'OS' (180os). Discounted set of 8 available in .002 O/S by adding '8' to the beginning of # (8180)							
4.7	289	W & W/O oil hole		63-68	8	2.2398	C3AE-D 149
4.8	292			55-66	8	2.3128	EBU-A,C2AE 124
4.9	300	(.910 Pin)		64-68	6	2.2758	C5TE-A 147
4.9	300	(.975 Pin)		69-96	6	2.2758	E2&E3TE,C8TE 161
5.0	302			68-01	8	2.2398	C80E-A,F2TE-BA 154
5.0	302	Coyote – Identify from below:		11-20	8	2.2398	Use from # 150/151 below
		MustangGT/F150 (11-14)					585grams-Beam rail width .125 150
		Mustang Boss(12-13), All Models(15-20)					620grams-Beam rail width .180 151
5.1	312			56-60	8	2.3128	ECZ,C1TE 125
5.2	315	Mustang/F150		16-20	8		148
5.4	330	HD		64-78	8	2.5915	C3,6&7AE 143
5.4	330	LD		64-78	8	2.5915	C1AE-A,C7TE-A 126
5.4	330	Triton – Standard size		97-16	8	2.2398	Std size-individual rod 194
		(Set of 8 - .002 o/s at discounted price)		97-16	8	2.2418	.002 oversize – Set of 8 8194
5.4	330	Supercharged Mustang		09-12	8	2.2398	8R3V 134
5.8	351	Cleveland		70-74	8	2.4369	DOAE-A 158
5.8	351	Modified		75-82	8	2.4369	DIAE-AA 160
5.8	351	Windsor		69-98	8	2.4273	C90E,D60E,F2TE 153
5.8	352	LD		58-67	8	2.5915	C1AE-A,C7TE-A 126
5.8	355	Mustang S/C		13-15	8	2.2398	DR3V 138
5.9	360	LD		68-76	8	2.5915	C1AE-A,C7TE-A 126
5.9	361	HD		58-78	8	2.5915	C3,6&7AE 143
6.1	370	Truck		79-91	8	2.6530	D9TE-AA 167
6.2	379	Boss/F-Series use below (see pg 1 for beam pic)		11-20	8		
		PM – Smooth beam				2.2398	192
		Forged beam				2.2398	188
6.4	390	FE		64-76	8	2.5915	C3,6&7AE 143
6.4	391	FE		64-78	8	2.5915	C3,6&7AE 143
6.6	400			71-82	8	2.4369	DIAE-AA 160
6.6	401	HD Gas Truck		58-79	8	2.9040	B9TE,EDL 135

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
6.7	406	Powerstroke – Only Available in .002 O/S	11-19	8		.002 O/S	1067os
6.8	415	Triton	97-19	10	2.2398		194
6.9	420	Int.Dsl WR=1160gms.Pin=1.1	83-87	8	2.6915	1804002C2/1805615C1	1036
7.0	428	HP Gas	66-78	8	2.5915	C3,6&7AE	143
7.0	429		68-73	8	2.6530	DOOE-A,D6VE-A	159
7.0	429	Truck	79-97	8	2.6530	D9TE-AA	167
7.3	444	USE BY FORG# OR MEASUREMENTS BELOW (pics/expl of measurements on pg1):	88-03	8			
		Diesel WR=1160gms Pin=1.1			2.6915	1804002/1805615	1036
		T/Diesel IDI WR=1270g WJ=1.10 Pin 1.308			2.6915	1816619	1035
		T/Diesel DI WR=1470g WJ=1.22 Pin 1.308			2.6915	1812003	1034
		PM Broken/.002os only/bearings currently unavail./ Will interchange with set of #1034.	02-03		2.6935	PM ROD	1037os
7.3	445	GAS Godzilla – F-Series	20-	8			136
7.5	460	Truck/(WR=782 gm.)	68-93	8	2.6530	DOOE-A,D6VE-A	159
7.5	460	Truck/(WR=810 gm. )	94-98	8	2.6530	F1TE/F6TE	179
7.8	475	2 1/2 to 5 ton Truck	58-79	8	2.9040	B9TE,EDL	135
7.8	477	2 1/2 to 5 ton Truck	58-81	8	2.9040	B9TE,EDL	135
8.8	534	2 1/2 to 5 ton Truck	58-81	8	2.9040	B9TE,EDL	135
<b>FORD TRACTOR/INDUSTRIAL</b>							
2.0	120	Tractor	39-52	4	2.2200	8N 9N	113
2.2	134	Tractor	53-67	4	2.4238	EAA-6205	122
2.6	158	Tractor	65-90	3	2.9420	C5NE,C7NN	185
2.8	172	Tractor-Gas	53-67	4	2.4238	EAA-6205	122
2.8	172	Tractor-Diesel	55-81	4	2.4238	EAA-6210(Cap)	189
2.8	175	Loader/Tractor	65-81	3	2.9420	C5NE,C7NN	185
3.1	192	Tractor-Gas	53-67	4	2.4238	EAA-6205	122
3.1	192	Tractor	65-69	3	2.9420	C5NE,C7NN	185
3.1	192	Tractor-Diesel	71-81	4	2.4238	EAA-6210(Cap)	189
3.3	201	Loader/Tractor	65-90	3	2.9420	C5NE,C7NN	185
3.8	233	Combine/Tractor	65-68	4	2.9420	C5NE,C7NN	185
4.2	256	Combine/Loader/Tractor	70-90	4	2.9420	C5NE,C7NN	185
6.6	401	Loader/Tractor Pin=1.500	58-81	6	2.9420	C5NE,C7NN	185
6.6	401	Turbo Diesel Loader/Tractor Pin=1.625	69-81	6	2.9420	C9NN	195
<b>GM – Buick, Cadillac, Chevy, Daewoo, GMC, Hummer, Olds, Pontiac, Saturn</b>							
1.0	61	G10/SOHC/Metro-Sprint Press-Fit	85-00	3	1.7724	Forg# 860(on beam)	727
1.0	61	G10/SOHC/Metro-Sprint Turbo w/bushing	87-88	3	1.7724	82152	729
1.2	73	LIH E-Turbo 1199cc – EncoreGX	20	3			512
1.2	76	LLO (Daewoo S-TEC) Chevy Spark	13-15	4	1.61??		502
1.3	79	G13/SOHC/Metro – Press- Fit	92-01	3	1.7724	(Press) Forg# 820(on beam)	716
1.3	79	G13BB/SOHC 16V/Geo Metro – Free-Float	98-01	4	1.7724	(Free float ) 70C	756
1.3	82	L3T Turbo 1341cc - EncoreGX	20	3			510
1.4	85	Chevette	76-77	4	1.9296		229

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
1.4	83	Turbo 1364cc Cruze/Sonic/Trax/Encore use below:	11-20	4	1.8115		
		Hex bolt – 18mm piston pin – VinB	(11-20)			Turbo 18mm piston pin	504
		Torx bolt – 19mm piston pin – VinM	(16-20)			Turbo 19mm piston pin	507
1.4	85	1398cc Volt/ELR	11-16	4	1.8115	Press-Fit	500
1.4	85	LV7 1399cc - Spark	17-20	4			204
1.5	90	4XC/SOHC/Spectrum-Sunburst	85-89	4	1.6931	Raised Dot	975
1.5	91	LYX Turbo – Encore/Malibu/Equinox	18-20	4			508
1.5	91	Volt	16-19	4			511
1.6	97	4AFE/DOHC/Prism & GSI	93-97	4	1.6938	Pin .780	985
1.6	97	4AGE/DOHC type 5/Prism Gsi	88-92	4	1.7726	bushed	982
1.6	97	4AFE/4ALC/S&DOHC/Nova & Prism	85-92	4	1.6938	Pin .700	965N
1.6	97	4XE1/S&DOHC/Storm-Storm Gsi	90-93	4	1.6931	Raised Dot	975
1.6	97	G16KC/SOHC/Tracker 8V	89-90	4	1.8510	60A	723
1.6	97	G16KC/SOHC/Tracker 8V	91-96	4	1.8510	Free float 71C##	717
1.6	97	G16KV/SOHC/Tracker 16V	94-02	4	1.8510	Free float 71C##	717
1.6	97	TBI/Type 6(Korean)/LeMans	88-93	4	1.8115	DWMC	551
1.6	97.5	ETEC Aveo/G3 1598cc – use below:	04-11	4			
		Machined Cap / Hex bolt / Press-fit			1.8115	Forg# DWMC - Press-fit	515
		Fractured Cap / Torx bolt / Press-fit			1.8115	Forg# 161 - Press-fit	501
		Fractured Cap / Torx bolt / Free-Floating			1.8115	Free-floating	506
1.6	98	Turbo Cascada	16-20	4			206
1.6	98	Turbo Diesel Cruze/Equinox	17-19	4			571
1.6	98	Chevette	76-87	4	1.9296		229
1.8	110	Saturn Astra	08-09	4			
1.8	110	Chevy Sonic/Cruze use below:	11-18	4			
		Torx bolt / Press-fit / 18mm piston pin			1.8115	Forg# 161 - Press-fit	501
		Torx bolt / Free-Floating 19mm piston pin			1.8115	Free-floating	506
1.8	110	Malibu Hybrid / 12pt bolt / 21mm piston pin	16-19				207
1.8	110	City Express (Nissan MR8DE)	15-18	4		3RC	649
1.8	108	7AFE/DOHC/Prism	93-97	4	2.0088		962
1.8	109	2ZZGE/LNK – Vibe GT	03-06	4	1.8907		943
1.8	109	1ZZFE/LV6 – Prizm/Vibe	03-08	4	1.8513	W/Bearing Notches	942
1.8	109	2ZRFE – Vibe	09-10	4	1.8513	w/o bearing notches	948
1.8	110	4XF1/DOHC Storm GSI 16V	92-93	4	1.9291	2 dots	913
1.8	110	Luv Bushing	72-75	4	2.0472	FM2501	231
1.8	110	G180Z/SOHC/Luv press	76-82	4	2.0472	FM2605,FM2779	232
1.8	111	Chevette Dsl. (Isuzu)	81-86	4	2.0472	FM2851	902
1.8	112	Chevy OHV Type G	82-83	4	2.1252		530
1.8	112	Pont OHC Type O & J	82-86	4	2.0477	161	538
1.9	116	Saturn use below (see pg1 for beam pics):	91-02	4			
		Forged beam - Machined cap – Nut & Bolt	(91-98)		1.9767	Nut/Bolt	575
		Smooth beam - Fractured cap - Cap Screw	(99-02)		1.9767	Cap Bolt	585
1.9	119	G200Z/SOHC/S-10	82-85	4	2.0472	FM2605,FM2779	232
2.0	119	Turbo Diesel/Cruze	14-15	4			580

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
2.0	121	.800 Pin/.230 shorter than #542	82-86	4	2.1252		533
2.0	121	Chvy.800 Pin >.230 than 82-86	87-89	4	2.1252	(WP=1.030) Dot	542
2.0	121	OHV/Chevy Truck.905 Pin	83-84	4	2.1252	Raised Dot	531
2.0	122	DOHC/Chevy	75-76	4	2.1252		219
2.0	122	OHC-Tur/Brazil.Pont.M WR=622gm	87-90	4	2.0477	2 "clovers" on face #161	561
2.0	122	OHC/Brazil.Pont./H & K/WR=600gm	87-94	4	2.0477	1 "clover" on face #161	541
2.0	122	J20 Suz. - DOHC 16V/Geo Tracker (1983cc)	99-03	4	2.0871	86F	748
2.0	122	ECOTEC use below (see pg1 for beam pics)	04-20	4			
		Straight Pin End – Forging line on beam			2.0525	164	590
		Tapered Pin End – Forging line on beam			2.0525	703	591
		Tapered Pin End – Smooth Beam			2.0525	2 bars on cap	592
		LSY Engine – XT4/5, CT4/5, Blazer	19-20	4	1.9304	*Smaller rod bore	210
2.0	122	L34-ETEC2 DOHC 16V/Optra (Daewoo)	04-08	4	2.0477	(torx bolt)	514
2.2	134	OHV Alum Hd LN2 S10	90-04	4	2.1252	(WP .910 dot)	562
2.2	134	2.0 could be used-has wide boss	90-97	4	2.1252	(WP=1.03 Dot)	542
2.2	134	ECOTEC use below: (see pg1 for beam pics)	00-11	4			
		Smooth beam – Fractured Cap			2.0525	5134, 7681	595
		Forging line on beam – Fractured Cap			2.0525	815	596
2.2	137	Diesel/Luv-S-10 & S-15	81-85	4	2.2047	FM2839,3008	904
2.3	138	QUAD4 – Order based on pin type/cap. Rods denoted "No Bushing" are still free-floating. With same type of cap, rods are interchangeable	88-96	4			
		Oval on cap – No Bushing			2.0154		553
		Oval on cap – Bushing			2.0154		554
		Bar on cap – No Bushing			2.0154		545
		Bar on cap – Bushing			2.0154		552
2.3	140	Chevy	71-77	4	2.1252		219
2.4	144	Pontiac Vibe (2AZ Toyota 2362cc)	09-10	4	2.0088		944
2.4	146	Quad4- Oval Pad on Cap – Round Pin End	96-02	4	2.0154		563
2.4	146	Quad4- Bar on Cap – 3 Bars on Pin End	96-02	4	2.0154		564
2.4	146	ECOTEC use below: (see pg1 for beam pics)	06-17	4			
		Smooth beam – Fractured Cap			2.0525	8217	594
		Forging line on beam – Fractured Cap			2.0525	089 / 680	593
2.5	150	ECOTEC/LCV – Malibu / ATS	13-20	4	2.0525		584
2.5	151	Pontiac	77-86	4	2.1252	(WB=.500) 324	521
2.5	151	Pontiac	87-93	4	2.1252	(WB=.640) 987	544
2.5	152	H25A DOHC 24V Tracker	99-04	6	2.0871	86F	748
2.5	153	Chevy	62-70	4	2.1252		219
2.7	166	CT4 / Silverado	19-21	4			217
2.8	169	LK5 VORTEC2800	04-06	4	2.3755	6839	572
2.8	169	Turbo Diesel – Colorado/Express	16-20	4			280
2.8	171	LP1/LAU Turbo use below (pin end pics on pg1)	05-11	6			
		Straight Pin End			2.3479	7211	578
		Tapered Pin End			2.3479	Dot on beam, no forg#'s	588

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2.8	173	Chevy/WP = 1.0 or 1.1	80-85	6	2.1252		529
2.8	173	Chevy/WR=595 gms WP=.850	86-93	6	2.1252	none,574,966,996	543
2.9	178	LLV VORTEC2900	07-12	4	2.3755	9040	582
3.0	181	Merc- Late - Big End = .940 wide		4	2.2252	Same as 305/350 Vortec	226
3.0	181	Merc- Early - Big End = 1.030 wide		4	2.2252		181M
3.0	181	Buick 1 dot	82-85	6	2.3745	408	532
3.0	181	Buick Low Deck	86-88	6	2.3745	461	537
3.0	181	L81 – Catera/Saturn	97-05	6	2.2446		534
3.0	183	LF1/LFW –CTS/ATS/SRX/Lacrosse/Capt/Equin (See pg1 for pic of smooth/forged beam)	10-15	6			
		Smooth Beam			2.3479	Dot on beam, no Forg#	588
		Forging line on Beam			2.3479	#9597 on big end of rod	598
3.0	183	Twin Turbo – CT5/6	16-20	6	2.2820		568
3.1	191	Chevy/WP=.850 all weigh same	88-05	6	2.1252	none,574,966,996	543
3.2	194	LA3 – CTS	03-04	6	2.2446	Std Size	534
3.2	196	Buick 3 dot	78-79	6	2.3745	673	522
3.3	200	Chevy	78-79	6	2.2252	Raised Dot	230
3.3	204	Buick Century & Skylark	89-93	6	2.3745	526	539
3.4	204	LQ1/LA1 - Machined Cap - Forged w/ Nut/Bolt	91-05	6	2.1252	none,574,966,996	543
3.4	204	LNJ - PM Fractured Cap w/ Cap Bolt	05-09	6	2.1252	8537	503
3.5	212	DOHC/LX5/Intrigue/Aurora	98-02	6	2.3290	5100	570
3.5	212	L52 VORTEC 5cyl	04-06	5	2.3755	7211	572
3.5	212	L66 – Saturn Vue (Honda)	04-07	6	2.2845	PGK, RDJ, RIAO	745
3.5	213	OHV/LX9/Press-fit (3498cc) 3.7" Bore	04-06	6	2.3755	Press-Fit	535
3.5	214	OHV/LZ4/LZE/Free-Floating (3510cc) 3.9" Bore	06-11	6	2.3755	Free-Floating	505
3.6	217	LY7/LLT/LCS use below (see pg1 for pics/expl)	04-14	6			
		Straight pin end	(04-09)		2.3479	6839	576
		Tapered pin end – WR=640g	(07-17)		2.3479	0586	586
		Tapered pin end – WR=610g	(12-20)		2.3479	Dot on Beam, No Forg#	587
		T-Turbo CTS/XTS - Tapered pin end - WR=630g	(14-19)		2.3479	Twin Turbo Only	577
3.7	223	LLR VORTEC	07-12	5	2.3755	9040	582
3.8	229	Chevy	80-84	6	2.2252	Raised Dot	230
3.8	230	Chevy	63-70	6	2.1252		219
<b>3.8 231 GM V6</b>							
When ordering 3.8 231's, please pay attention to forging #, Press-fit vs bushed & Cracked Cap vs Machined. Years and Codes are believed to be correct, but are for secondary reference only.							
		BUICK – C (odd fire)	75-77	6	2.1252	431	524
		LD5, LC6, LC2	77-80	6	2.3745	673	522
		LG3	80-88	6	2.3745	284,763	523
		LN3	88-94	6	2.3745	918	547
		L27 press-fit - .905 pin	91-95	6	2.3745	Press-fit 359/742	557
		L67(Series I) - S/C w/bushing - .905 pin	91-95	6	2.3745	Free-Float 359/742	558
		L36 – Machined Cap - .866 pin	95-05	6	2.3745	108,699	569
		L26 – Fractured Cap - .866 pin	04-09	6	2.3745	4506	589

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore		Forg#	Part#
		L67(Series II)– Machined Cap - .905 pin	95-05	6	2.3745	5.64 c-c	898 or ##	579
		L32 – Fractured Cap - .905 pin	04-09	6	2.3745	5.64 c-c	4509	599
3.9	235	Chevy (Save Pin Bolts)	54-62	6	2.4372		3836671	215
3.9	238	OHV - LZ8/LZ9/LGD/LGZ	06-11	6	2.3755			509
4.0	244	L47 Aurora/Northstar PM rod - .866 PIN	95-03	8	2.2497		3481	560
4.1	250	Chevy	66-84	6	2.1252			219
4.1	252	Buick & Cad.	80-84	6	2.3745		284,763	523
4.1	252	Cadillac	82-88	8	2.0530		875	536
4.2	256	LL8 VORTEC use below:	02-09	6				
		Early w/ .905 pin		6	2.3755		7211	572
		Late w/ .925 pin		6	2.3755		9040	582
4.2	256	Twin Turbo CT6	19-20	8				242
4.3	260	Olds	75-82	8	2.2500			516
4.3	260	Olds Diesel(P)RB=2564V20.06 Thick	1979	6	2.2500		(WB=.625)	525L
4.3	261	Chevy Truck	54-62	6	2.4372		3836964	218
4.3	262	Chevy	75-76	8	2.2252			227
4.3	262	Gen5/Ecotec3/PM w/bushing	14-	6	2.2252		Free-floating	296
4.3	262	Use below:	85-13					
		Forged w/nut/bolt – No # on beam		6	2.3757		Dot, or no #'s on beam	234
		Forged w/nut/bolt - #045		6	2.3757		045 on beam	235
		Forged w/nut/bolt - #818		6	2.3757		818 on beam	238
		PM Fractured cap w/cap bolts #3047 on cap		6	2.3757		3047 on cap	254
4.3	262	Olds Diesel/RB=2561or62Y	82-85	6	2.3750			546
4.3	265	Chevy/WR= 540gms WB=.500	54-57	8	2.1252			213
4.3	265	Pontiac	80-81	8	2.1252			521
4.3	265	Chevy L99	94-96	8	2.2252		dot on beam	236
4.4	267	STS-V/XLR-V/CADILLAC LC3 S/C (verify forg#)	06-09	8	2.2497		7467	566
4.4	267	Chevy	79-82	8	2.2252			227
4.5	273	Cadillac	1990	8	2.0530		498	550
4.5	273	Cadillac	88-89	8	2.0530		875	536
4.6	279	Northstar use below:	93-11	8				
		Forged/Machined Cap - Nut/Bolt - .866 Pin		8	2.2497			559
		Fractured Cap - hex bolt - .827 Pin		8	2.2497		7579	556
		Fractured Cap - hex bolt - .866 Pin		8	2.2497		3481	560
		Fractured Cap - hex bolt - .905 Pin		8	2.2497		7467	566
4.6	283	Chevy/WR= 540g WB=.500	57-61	8	2.1252			213
4.6	283	Chevy/WR=580g WB=.560	62-67	8	2.1252			220
4.8	292	Chevy Truck	63-89	6	2.2252			222
4.8	293	Vortec – LR4/LY2/L20 use below:	99-17	8				
		Press-Fit (Gen3)			2.2252		121	247
		Free-Floating (Gen4)			2.2252			257
4.9	300	Buick	64-67	8	2.1252		1377248	517
4.9	300	Cadillac L26	91-95	8	2.0530		099	548
4.9	301	Pontiac & Turbo Pontiac	77-81	8	2.1252		324	521

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
5.0	305	GMC	60-65	6	3.0165	2389554	1208
5.0	305	GMC	66-74	6	3.0165	2470891	1210
5.0	305	Forged Rod	76-95	8	2.2252		227
5.0	305	PM Rod Vortec(machined cap)	96-03	8	2.2252		226
5.0	307	Chevy	68-73	8	2.2252		227
5.0	307	Olds Bushing	85-90	8	2.2500	Free-Floating	540
5.0	307	Olds Pressed Fit	80-90	8	2.2500	Press-Fit	516
5.3	325	VORTEC Use below:	99-20	8			
		Press Fit - Gen3			2.2252	143	246
		(Press-Fit – Set of 8 - .002 o/s)			2.2272	Set of 8 - .002 o/s	8246
		Press Fit - W/Dot On Beam (rare)			2.2252	3843	255
		Free Floating - Gen4			2.2252	3847	256
5.3	326	Pontiac	63-67	8	2.3750		813
5.3	327	Chevy	62-67	8	2.1252	small bore	220
5.3	327	Chevy	68-69	8	2.2252		227
5.4	330	Olds	64-67	8	2.2500		516
5.6	340	Buick	66-67	8	2.1252	561	518
5.7	346	LS1/LS6 Use below:	97-05				
		Press Fit			2.2252	143	246
		(Press-Fit – Set of 8 - .002 o/s)			2.2272	Set of 8 - .002 o/s	8246
		Press Fit – W/Dot On Beam (rare)			2.2252	3843	255
		Free Floating (Gen4, not used in stock 5.7)			2.2252	3847	256
5.7	350	Buick	68-73	8	2.1252	561	518
5.7	350	Buick (B,H,J&X)	74-82	8	2.1252	942	520
5.7	350	Forged Rod	68-95	8	2.2252	Metal Rod/None/311	227
5.7	350	L31 Vortec PM Rod(machined cap)	96-03	8	2.2252	Powdered Metal Rod	226
5.7	350	Olds & Cad./ WR=705grams	68-80	8	2.2500		516
5.7	350	Olds Dsl RB=2564V20 .065 Thick	78-81	8	2.2500	(WB=.625)	525L
5.7	350	Olds Dsl RB=3049Y20 .100 thick	82-85	8	2.2500	(WB=.725)	525H
5.7	350	Pontiac	68-77	8	2.3750		813
5.7	351	GMC	60-65	6	3.0165	2389554	1208
5.7	351	GMC	66-74	6	3.0165	2470891	1210

6.0	364	Use below:	99-20	8			
		Press Fit – Gen3			2.2252	143	246
		(Press-Fit – Set of 8 - .002 o/s)			2.2272	Set of 8 - .002 o/s	8246
		Press Fit – W/Dot On Beam (rare)			2.2252	3843	255
		Free Floating – Gen4			2.2252	3847	256
6.0	366	Chevy Big Block	66-98	8	2.3252		224
6.0	368	Cad (OTO=3.700) (WP=.935)	80-84	8	2.6250		528
6.2	376	Use below:					
		Gen4 – Straight pin end	07-20	8	2.2252	3847	256
		Gen5- Tapered pin end	14-20	8	2.2252		266

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
		S/C Gen4 LSA – CTS-V/CamaroZL1	09-15	8	2.2252		276
		S/C Gen5 LT4 – CTS-V/CamaroZL1/CorvetteZ06	15-20	8	2.2252		286
6.2	379	Diesel	82-93	8	2.5256		233
6.4	389	Pontiac Cast metal rod.	65-67	8	2.3750		813
6.4	390	Cadillac cc:6.635 WJ = .985	59-62	8	2.3745		1711
6.4	390	Cadillac cc:6.500 WJ = .865	1963	8	2.3745		1712
6.5	395	Chevy Diesel & Turbo Dsl	92-04	8	2.5256		233
6.5	396	Chevy Big Block	65-69	8	2.3252		224
6.6	400	Buick	65-66	8	2.3745	487	513
6.6	400	Buick	67-69	8	2.3745	494	519
6.6	400	Chevy Small Block	70-81	8	2.2252		228
6.6	400	Olds/cc= 7.0000	65-67	8	2.6250	Crescent Bar on cap	718
6.6	400	Olds/cc= 6.7400	68-69	8	2.6250	Straight Bar on cap	719
6.6	400	Pontiac	67-79	8	2.3750		813
6.6	401	Buick	59-66	8	2.3745	487	513
6.6	401	GMC	60-65	6	3.0165	2389554	1208
6.6	401	GMC	66-73	6	3.0165	2470891	1210
6.6	402	Chevy Big Block	70-72	8	2.3252		224
6.6	402	Duramax – with rod on edge, measure piston pin end at widest point/closest to the beam (illustrated as ‘WP’ on pg1)	00-20	8			
		Early = 1.550 wide on pin end			2.6378		243
		Late = 1.250 wide on pin end			2.6378		253
6.6	403	Olds/WR=745grams	77-79	8	2.2500		526
7.0	425	Buick	63-66	8	2.3745	487	513
7.0	425	Cad (OTO=3.830) (WP=.935)	77-79	8	2.6250		527
7.0	425	Olds cc= 7.00	65-67	8	2.6250	Crescent Bar on cap	718
7.0	427	Chevy	66-95	8	2.3252		224
7.0	428	Pontiac	67-69	8	2.3750		813
7.0	429	Cadillac cc= 6.500	64-67	8	2.3745	WJ = .865	1712
7.0	430	Buick	67-69	8	2.3745	494	519
7.4	454	Chevy	70-00	8	2.3252		224
7.5	455	Buick	70-76	8	2.3745	494	519
7.5	455	Olds/cc= 6.7400	68-76	8	2.6250	Straight Bar on cap	719
7.5	455	Pontiac	70-76	8	2.3750		813
7.7	472	Cad (OTO=3.810) (WP= 1.130)	68-74	8	2.6250		1713
7.8	478	GMC Gas & Diesel Truck	62-74	6	3.0165	2474281	1213
8.1	496	Use below:	01-09	8			
		Early Press-Fit			2.3252	Press-Fit	244
		Late Free-Floating			2.3252	W/bushing	281
8.2	500	Cad (OTO=3.810)	70-76	8	2.6250	(WP= 1.130)	1713
8.2	502	3/8 bolts WR=885gms	96-06	8	2.3252	Dot on beam @pin end	258
8.2	502	7/16 bolts WR=885 gms	96-06	8	2.3252	Dot on beam @pin end	259

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CC/ LITER CID Engine/Specs/Descr/Notes Years Cyl Bore Rod Forg# Part#

HONDA							
1.0	995	Honda Insight	00-06	3	1.535?		700
1.2	1237	EB2&3/SOHC/Civic	74-79	4	1.6939	S##	701
1.3	1335	EJ1/SOHC/Civic	80-83	4	1.6939	PAO	702
1.3	1339	Civic Hybrid LDA1/2	03-11	4	1.6939	RMX, PWA	743
1.3	1339	Insight Hybrid	10-14	4	1.6939	RBO	713
1.3	1342	EV1 Pin size = .740	84-87	4	1.6152	(pin .740) HF	706
1.5	1488	ED1-4/SOHC/Civic BL 4.215	75-79	4	1.7727	Pin=.668 S##	703
1.5	1488	EM1/SOHC/Civic	80-83	4	1.7727	PA6	726
1.5	1488	EW1,3&4/SOHC/CRX-HF-Civic Si	84-87	4	1.7727	PE1	712
1.5	1488	D15A2 & A3/SOHC/Civic-CRX	1987	4	1.7727	PE1	712
1.5	1493	D15B1&2 16V/Civic-CRX	88-91	4	1.7727	(pin .748) 3	721
1.5	1493	D15B6/CRX HF Pin size=.670	88-91	4	1.6152	(pin .670) 8	730
1.5	1493	D15B7&8 8 & 16V/Civic-Del Sol	92-95	4	1.7727	(pin .748) 3	721
1.5	1493	D15Z1 134mm rod	92-95	4	1.7727	(pin .748) 3	721
1.5	1493	D15Z1 137mm rod	92-95	4	1.7727	07	720
1.5	1497	L15/LEA - FIT/CR-V/CIVIC - Use below:	07-19	4	1.6939		
		Machined Cap - weighs 350g	(07-08)			PWC	731
		Fractured Cap - weighs 310g	(09-19)			RB1, RK8	761
1.5	1497	L15BE TURBO Accord/CR-V	17-20	4		5PA	765
1.6	1590	D16A6/Civic-Si-CRX-Si 16V	88-91	4	1.8907	(pin .748) 6	725
1.6	1590	D16Z6/Civic-Del Sol Si	92-95	4	1.8907	(pin .748) 6	725
1.6	1590	D16Y SOHC/Civic Vtec-Civic HX-Del Sol	96-00	4	1.8907	(pin .748) 6	725
1.6	1595	B16A2/3 - DOHC 16V/Del Sol V-Civ Si	94-00	4	1.8907	(pin .827) PR3	742
1.6	1599	EF1/SOHC/Accord	76-78	4	1.7727	671	705
1.7	1688	D17A1,2&6 SOHC/Civic Ex-Hx &lx	01-05	4	1.8907	M	747
1.8	1751	EK & EK1/SOHC/Accord-Prelude	79-83	4	1.7727	689	708
1.8	1799	R18 Civic/HR-V	06-20	4	1.8907	RNA	798
1.8	1829	A18,ES &ET/Accord-Prelude	83-87	4	1.8907	PC6	710
2.0	1955	A20,BS&BT SOHC 12V/Accord-Prelude	85-89	4	1.8907	PC6	710
2.0	1958	B20A3/SOHC/Prelude	88-90	4	1.8907	PK1	715
2.0	1958	B20A5/DOHC 16V/Prelude	88-91	4	2.0087	PK2	722
2.0	1973	B20B & B20Z/DOHC 16V/CR-V	97-01	4	1.8907	PR4	707
2.0	1993	LFA1/ Accord Hybrid Plug-in	14-18	4	1.8907	5KO	770
2.0	1996	K20C1/2 Civic	16-20	4	1.8907	5BA	766
2.0	1996	K20C4 Turbo Accord	18-20	4	2.0087	6B2	
2.0	1997	F20C1 S2000	00-03	4	2.0087	PCX	791
2.0	1998	K20	02-05	4	1.8907	PNA	790
2.0	1998	K20 Civic Si 06-up	06-11	4	2.0087	PRB	733
2.1	2056	B21A1/DOHC 16V/Prelude	90-91	4	2.0087	PK2	722
2.2	2156	F22A/SOHC 16V/Accord-Prelude	90-93	4	2.0087	PT3	728
2.2	2156	F22B/SOHC 16V/Accord-Odyssey	94-97	4	2.0087	PT3	728
2.2	2157	H22A1/DOHC/Prelude Vtec	93-96	4	2.0087	P13	793

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2.2	2157	H22A4/DOHC/Prelude Vtec	97-01	4	2.0087	P5M	794
2.2	2157	F22C1 VTEC S2000	04-09	4	2.0087	PZX	792
2.3	2254	F23A/SOHC/Accord-Odyssey	98-02	4	1.8907	PAA	734
2.3	2259	H23A1/DOHC 16V/Prelude	92-96	4	2.0087	PT3	728
2.4	2354	K24 A/Z – Use the following by forg#:	02-19	4			
		PPA	(02-11)		2.0087	PPA	749
		R40 , 5A2	(07-19)		2.0087	R40 , 5A2	740
		RL5	(12-13)		2.0087	RL5	799
2.6	2559	4ZE1/SOHC/Passport	94-97	4	2.0472	FM3112/3159/Dot	905
2.7	2675	C27A4/SOHC/Accord	95-97	6	2.1663	PH7	724
3.0	2997	J30A use forg#/specs below (beam pic on pg1)	98-07	6	2.2057		
		Forged beam - Machined Cap				P8A, RDV	736
		Smooth beam - Fractured Cap				RCA (in ink)	746
3.2	3165	6VD1/SOHC/Passport BL=4.215	94-97	6	2.2441	2 dots	912
3.2	3165	6VD1/DOHC/Passport BL=4.460	98-02	6	2.2441	several dots	922
3.5	3471	J35 use forg#/specs below: (illustrations pg1)	99-20	6			
		Forging line on beam / Machined cap			2.2845	560grams P8F(on rod)	744
		Forging line on beam / Machined cap			2.2845	528 grams PGK,RDJ,RJA0	745
		Smooth beam / Fractured cap / OTO-B = .820	(-11)		2.2845	535 grams RGL (ink)	795
		Smooth beam / Fractured cap / OTO-B = .675	(10-20)		2.2845	520grams R70 / PVF (ink)	796
<b>HYUNDAI</b>							
1.4	1353	Turbo Elantra	17-20	4			449
1.4	1439	4G33/SOHC	84-87	4	1.7725	WP .820 (Carb.)	419
1.5	1468	G4AJ SOHC/Excel./WJ=.860	86-89	4	1.7725	WP .820 (Carb.)	419
1.5	1468	G4DJ SOHC/Excel&Scoupe/WJ=.780	90-94	4	1.7725	WP .740 (Carb.)	435
1.5	1495	G4E S&DOHC Accent-Scoupe	93-02	4	1.8905	WP=.580 1.5	445
1.6	1591	G4F Gamma – Use below:	12-20	4			
		Naturally Aspirated - Press-fit	12-20		1.7724	press-fit	446
		Turbo - Free-floating	13-20		1.7724	Turbo free-floating	466
1.6	1595	G4CR/DOHC 16V/Elantra	92-95	4	1.8905	(PIN=.827) 4B,G6	426
1.6	1597	4G32/SOHC/Excel-Pony	85-90	4	1.8905	(Sq.pin 17ousing) 31	420
1.6	1599	G4ED Alpha Accent(2011-if bore=1.7724 use#446)	01-11	4	1.8905		445
1.8	1796	G4GM/DOHC 16V/Elantra-Tiburon	96-98	4	1.8905		453
1.8	1797	Nu/MPI/Elantra - use below:	11-16	4			
		2 bearing notches – through 11/23/11			1.8905		498
		1 bearing notch – after 11/23/11			1.8905		499
1.8	1836	G4CN/DOHC/Elantra	93-95	4	1.8905	(PIN=.827) G6	426
2.0	1975	G4G_ Beta Elantra/Tiburon Nut/bolt style 82mm cyl bore -use below:	97-12	4			
		Solid thrust face			1.8905	595grams	455
		W/Oil Channel on thrust face			1.8905	625grams	455L
2.0	1997	G63B/SOHC/Stellar	85-89	4	1.8905	(Pin .827)4B, G6	426
2.0	1997	G4CP/DOHC 16V/Sonata	92-98	4	1.8905	(PIN=.827) 4B,G6	426

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2.0	1998	G4K_ Theta Engines, 86mm cyl bore (pic of straight/taper pin on pg.1) use below:	09-20	4			
		Press-Fit			2.0085		470
		Free-Floating – Straight pin end			2.0085		480
		Free-Floating – Tapered pin end			2.0085		481
2.0	1999	G4N_ NU Engines, 81mm cyl bore	14-20	4	1.8905		490
2.4	2350	G4CS-G64B/SOHC/Sonata	89-91	4	1.8905	(PIN=.827) 4B,G6	426
2.4	2351	G4JS/DOHC 16V – Nut/Bolt Style	99-05	4	1.8905	G6	416
2.4	2359	G4K–THETA–PM Fractured Cap Use below:	06-20	4			
		Press-fit			2.0085	Press-fit	474
		Free-Floating Straight pin end			2.0085	Bushed/straight pin end	484
		Free-Floating Tapered pin end				Bushed/Tapered pin end	484T
2.5	2493	G6BV/DOHC 24V/Sonata	99-01	6	2.0087		457
2.7	2657	G6BA/Sona./SantaFe/Tiburon use following:	01-09	6			
		7mm bolt – 8mm bolt head			2.0087		457
		7mm bolt – 10mm bolt head			2.0087		477
		8mm bolt – 10mm bolt head			2.0087		487
3.0	2972	G6AT-6G72/SOHC/Sonata	90-98	6	2.0868	72	431
3.0	2972	G6CT (MITSU)	2001	6	2.0868	72	431
3.3	3342	G6D – Lambda – See pics on final page	06-20	6	2.2842		
3.5	3467	G6AU DOHC 24V /Santa Fe-XG350	02-06	6	2.2842	74	441
3.5	3470	G6D – Lambda – See pics on final page	10-12	6	2.2842		
3.8	3778	G6D – Lambda – See pics on final page	06-20	6	2.2842		
4.6	4627	TAU – Equus, Genesis	09-13	8	2.166?		458
5.0	5038	TAU – Equus, Genesis	12-18				450
<b>INFINITY</b>							
2.0	1991	Turbo Mercedes Engine – QX30, Q50, Q60	16-19	4			624
2.0	1997	KR20DDET – QX50	19-20	4			630
2.0	1998	SR20DE/DOHC/G20	91-02	4	2.0084	60J40	610
2.5	2496	VQ25HR/G25/G25X	11-12	4	2.0871	AL5	641
2.5	2488	QR25DER/QX60	14-18	4	1.8902	3T	644
3.0	2960	VG30DE/DOHC/I30	93-97	6	2.0871	30P40	621
3.0	2960	VG30E/SOHC/M30 WR= 685gms.	90-92	6	2.0871	(no oiling hole) OWO	632
3.0	2960	VQ30DE/DOHC/I30	96-01	6	1.8902	31U	631
3.0	2997	VR30DDTT – Q50, Q60	16-20				694
3.3	3272	VG33E/SOHC/QX4	97-00	6	2.0871	(no oiling hole) OWO	632
3.3	3272	VG33E/SOHC/QX4	97-00	6	2.0871	( oiling hole) OWO/21V	622
3.5	3498	VQ35DE	01-08 13-20	6	2.1659	4WO OR W	635
3.5	3498	VQ35HR	07-19	6	2.2446	JK	633
3.7	3696	VQ37VHR	08-19	6	2.2446	EY	637
4.1	4130	VH41DE/DOHC/Q45	97-01	8	2.1659	60U40	645
4.5	4494	VH45DE/DOHC/Q45	90-99	8	2.1659	60U40	645
4.5	4494	VK45DE/FX45-M45-Q45	01-10	8	2.1659	AR	646

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
5.0	5026	VK50VE/FX50/QX70	09-17	8	2.2446	1C	690
5.6	5552	VK56DE (09-up Check Forg#)	04-10	8	2.2446	Weighs 620-25g 7SO	636
5.6	5552	VK56VD	11-20	8	2.2446	Weighs 635-40g 1L	696
<b>INTERNATIONAL</b>							
4.3	264	Truck (BD & BG 220-265)	54-67	6	2.5000	70009	1019
4.3	266	Truck	59-68	8	2.5000	216113R1	1023
5.0	304	Truck	59-84	8	2.5000	216113R1	1023
5.6	345	Truck R1&R2 weigh the same.Cap screw	59-84	8	2.5000	216114R1	1024
6.4	392	Sometimes will use 345 rod. Nut & bolt	66-84	8	2.5000	309253C1	1031
6.6	404	MV404	74-82	8	2.6250	446752C1	1032
7.3	446	MV446(Not Ford 7.3)	74-82	8	2.6250	446470C1	1033
7.6	466	Tractor & Truck	68-84	6	3.2010	688922C1	1038
9.0	551	Diesel Truck	79-87	8	2.9460	489300C1	1039
<b>ISUZU</b>							
1.5	1471	4XC1/SOHC/I-Mark & Turbo	85-89	4	1.6931	(Pin .709)Dot	975
1.6	1588	4XE1/S&DOHC/Mark-Styl&Impluse	89-93	4	1.6931	(Pin .709)Dot	975
1.6	1588	4XE1W/DOHC Turbo/ Impulse	90-92	4	1.6931	(Pin .787)2 Dots	775
1.8	1809	4XF1/DOHC 16V Impulse-Styl.	92-93	4	1.9291	2 dots	913
1.8	1817	4FB1 Dsl/I-Mark RWD&Pup	81-85	4	2.0472	FM2851	902
1.8	1817	G180 Gas/I-Mark RWD&Pup	81-85	4	2.0472	FM 2605/2779	232
1.9	1949	G200/SOHC/Impulse-Pup-Trooper	83-87	4	2.0472	FM 2605/2779	232
2.0	1994	4ZC1/SOHC/Impluse Turbo	85-89	4	2.0472	FM3112/3159	905
2.2	2156	F22B6A/SOHC/Oasis(Honda)	96-97	4	2.0087	PT3	728
2.2	2189	LN2 AlumHd G&4 Hombre	96-02	4	2.1252	Dot	562
2.2	2198	X22SE DOHC Amigo-Rodeo&Sport	98-03	4	2.0477	Cap screws	915
2.3	2254	4ZD1/Amigo-Impl-Pup-Troop.II	86-95	4	2.0472	Dot/FM3112/3159	905
2.3	2259	F23A7/SOHC/Oasis(Honda)	98-99	4	1.8907	PAA	734
2.6	2559	4ZE1/Amigo-Pup-Rodeo-Troop II	88-97	4	2.0472	Dot/FM3112/3159	905
2.8	2827	LL2/Pup-Rodeo-Trooper II	89-92	6	2.1252	GM 3.1 Chevy	543
2.8	2770	LK5 Vortec2800	2006	4	2.3755	7211	572
2.9	2921	LLV Vortec2900	07-08	4	2.3755	9040	582
3.1	3137	LG6/Pup-Rodeo-Trooper II	91-94	6	2.1252	GM 3.1 Chevy	543
3.2	3165	6VD1/SOHC/Rodeo & Trooper	92-97	6	2.2441	BL = 4.215 2 dots	912
3.2	3165	6VD1W/DOHC/Amigo-Rodeo&Sport	98-04	6	2.2441	BL= 4.460/dots	922
3.5	3494	6VE1 use below:	98-04	6			
		Press-Fit	(98-03)		2.2441	Press-Fit	922
		Free-Floating	(2004)		2.2441	w/ Bushing	935
3.5	3498	Vortec3500	2006	5	2.3755	7211	572
3.7	3653	Vortec3700	07-08	5	2.3755	9040	582
3.9	3856	4BD1 Diesel	81-90	4	2.6778	FM 3029	906
4.2	4196	Vortec 4200 use below:	03-08	6			
		Early W/ .905pin			2.3755	7211	572
		Late W/ .925pin			2.3755	9040	582





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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
4.3	4293	Hombre 4300 (see GM 4.3 for listing)	97-01	6	2.3757	Part # 234, 235 or 238	
5.3	5328	Vortec5300 use below:	03-07	8			
		Press-Fit			2.2252	143	246
		(Press-Fit – Set of 8 - .002 o/s)			2.2272	Set of 8 - .002 o/s	8246
		Press-Fit – W/Dot On Beam (rare)			2.2252	3843	255
		Free-Floating			2.2252	3847	256
5.4	5393	6B Diesel 5300-6494 cc's	77-90	6	2.6778	FM 3029	906
<b>JEEP</b>							
1.3	81	Turbo Renegade	18-20				313
1.4	83	Turbo Renegade	15-18				315
2.0	110	GEMA/World Engine	07-20	4	2.0081	20	320
2.4	144	GEMA/World Engine – Patriot, Compass(07-15)	07-17	4	2.0081	Press-Fit 24	324
2.4	144	Tigershark – Cherokee(GC)/Reneg/Compass(16-20)	13-20	4	2.2055	Free-Floating 4	384
2.4	148	DOHC 16V Alum. Hd.	02-06	4	2.0868		443
2.5	150	2.46 WR=700 gms	87-02	4	2.2085	544,691	753
2.5	150	2.46 WR=700 gms	97-02	4	2.2085	548	773
2.5	150	2.46 WR=700 gms used rarely	83-89	4	2.2085	351	763
2.8	173	Jeep Cherokee-all use 85 GM eng.	85-87	6	2.1252		529
3.0	182	Grand Cherokee Turbo Diesel	07-08	6			328
3.2	198	Pentastar – Cherokee	14-20	6	2.25??		332
3.6	220	Pentastar- Cherokee(GC)/Wrangler/Gladiator	11-20	6	2.45??		336
3.7	226	Use below:	02-12	6			
		w/ bearing notches			2.4094		337
		w/o bearing notches			2.4094		337n
		Set of 6-.002 O/S-w/notches(w/o notches upon request)			2.4114	Set of 6 .002 o/s	6337
3.8	232	Wrangler	07-11	6	2.4018	015AA	333
4.0	242	WR=700gms	87-05	6	2.2085	544,691	753
4.0	242	WR=700gms	97-06	6	2.2085	548	773
4.0	242	WR=700gms 351 used rarely	87-89	6	2.2085	351	763
4.2	258	WJ = 1.060	71-90	6	2.2085	352,707	1311

4.7	287	Use below:	99-09	8			
		Press-Fit w/bearing notches			2.1262	Std Size w/notches	347
		(.002 O/S-set of 8-w/notch)			2.1282	.002 o/s – set of 8	8347
		Press-Fit w/o bearing notches			2.1262	Std Size, no notches	347n
		H.O. – Floating Pin			2.1262	Free-Floating(no bushing)	349
		Corsair/Hemi style - 2 plugs/cylinder Forged beam/Fractured cap/Tapered pin end	08-09		2.1262	'E' by bolt	348
5.0	304	WJ = .990	71-81	8	2.2085	352,707	1312
5.7	345	HEMI Order by pic below:	05-20	8	2.2525		

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CC/ Rod  
 LITER CID Engine/Specs/Descr/Notes Years Cyl Bore Forg# Part#

							
5.9	360	WJ = .990	71-93	8	2.2085	352,707	1312
6.1	370	HEMI/SRT8 Order based on bolt style in pic:	06-11	8	2.2525		
							
6.2		Grand Cherokee	18-20				
6.4		SRT-8	11-20	8			364
<b>KIA</b>							
1.5	1493	B5-DE SOHC 16V/Rio	01-02	4	1.6935		807
1.6	1579	Kappa-II Engine – Niro (72mm cyl bore)	17-20	4			491
1.6	1591	G4F_ Gamma Eng.Soul/Rio(12-up) 77mm cyl bore	09-20	4	1.8904	12 pt. bolt Press-fit	446
1.6	1591	Turbo G4F_ Engine	11-20	4	1.8904	Free-float w/bushing	466
1.6	1594	B6 DOHC 16V/Rio-Rio Cinco	03-05	4	1.6935		807
1.6	1597	B6 SOHC 16V/Sephia	94-95	4	1.8904	#	817
1.6	1597	B6ZE DOHC 16V/Sephia	95-97	4	1.8904	letter	820
1.6	1599	G4E Alpha Eng. – Rio(06-11) 76.5mm cyl bore	06-11	4	1.8905	Nut/Bolt style	445
1.8	1794	FB DOHC 16V/Sephia-Spectra	98-03	4	1.8904	T8	846
1.8	1797	Nu Engine/Forte	14-17	4	1.8905	1 bearing notch	499
1.8	1839	BPD DOHC 16V/Sephia	95-97	4	1.8904	letter	820
2.0	1975	G4G_ Beta Nut/bolt style 82mm cyl bore -use below:	04-11	4			
		Solid thrust face			1.8905	595grams	455
		W/Oil Channel on thrust face			1.8905	625grams	455L
2.0	1998	G4K_ Theta Engines, 86mm cyl bore (pic of straight/taper pin on pg.1) use below:	10-20	4			
		Press-Fit			2.0085		470
		Free-Floating – Straight pin end			2.0085		480
		Free-Floating – Tapered pin end			2.0085		481
2.0	1998	FE SOHC 8V/Sportage	95-96	4	2.1267		808
2.0	1998	FE DOHC 16V/Sportage	95-02	4	2.1267	FED	845
2.0	1999	G4N_ NU Engines, 81mm cyl bore	12-20	4	1.8905		490
2.4	2351	G4JS - Nut/Bolt Style (Mitsu. 4G64)	99-05	4	1.8904	G6	416
2.4	2359	G4K–THETA–PM Fractured/ 12pt cap bolt use:	06-20	4			
		Press-fit			2.0085	Press-Fit	474
		Free-Floating, Straight Pin end			2.0085	Bushed/Straight Pin end	484
		Free-Floating Tapered Pin end				Bushed/Tapered Pin end	484T
2.5	2493	G6BV DOHC 24V/Optima	2001	6	2.0087		457

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
2.7	2657	G6BA/G6A5 use by bolt type below:	02-10	6			
		7mm bolt – 8mm bolt head			2.0087		457
		7mm bolt – 10mm bolt head			2.0087		477
		8mm bolt – 10mm bolt head			2.0087		487
3.3	3342	G6D – Lambda – See pics on final page	08-20	6	2.2842		
3.5	3470	G6D – Lambda – See pics on final page	10-14	6	2.2842		
3.5	3497	DOHC 24V/Amanti-Sedona-Sorento	02-06	6	2.2842	74	441
3.8	3778	G6D – Lambda – See pics on final page	06-14	6	2.2842		
4.6	4627	TAU – Borrego	09	8	2.166?		458
5.0	5038	TAU - K900	15-18				450

### LEXUS

1.8	1797	2ZRFXE – CT200H	11-17	4			948
2.0	1998	8ARFTS – GS/IS/NX/RC 200/300	15-20	4			920
2.5	2487	A25AFXS - ES300H	19-20	4			925
2.5	2494	2ARFXE – ES/NX 300h	13-20	4	2.1460		994
2.5	2499	4GRFSE – IS250/c	06-15	6	2.0088		991
2.5	2507	2VZFE/DOHC/ES250	90-91	6	2.0088		976
3.0	2958	3VZFE/DOHC/ES300	92-93	6	2.2844		989
3.0	2994	3GRFSE/GS300	2006	6	2.2057		995
3.0	2995	1MZFE/DOHC/ES300-RX300	94-03	6	2.2057		984
3.0	2997	2JZGE/DOHC/GS300-IS300-SC300	92-97	6	2.1667	760grams/Beam= .555 wide	983
3.0	2997	2JZGE/DOHC/GS300-IS300-SC300	98-05	6	2.1667	660grams/Beam= .420 wide	993
3.3	3311	3MZFE DOHC 24V/ES330-RX330	04-08	6	2.2057		984
3.5	3444	V35AFTS – LS500 Turbo	18-20	6			931
3.5	3456	2GRFE-FSE- ES/GS/IS-350 GS450h	06-20	6	2.2057		995
4.0	3969	1UZFE/DOHC/LS400 & SC400	90-00	8	2.1667		980
4.3	4292	3UZFE – GS/LS 430	01-10	8	2.1663		999
4.5	4477	1FZFE/DOHC/LX450	96-97	6	2.3836		990
4.6	4608	1URFSE – GS/GX/LS 460	07-18	8	2.2057		946
4.7	4664	2UZFE - GX/LX 470	00-09	8	2.1663		999
5.0	4969	2URGSE – GS350/IS-F/LS600h/RC-F/LC500/GS-F	08-20	8	2.2057		950
5.7	5663	3URFE – LX570	08-20	8	2.3232		998

### MAZDA

1.3	1272	TC/SOHC/GLC-Mizer	76-78	4	1.8904		801
1.4	1415	UC/SOHC/GLC	79-80	4	1.6935		807
1.5	1489	Z5/DOHC/Protege	95-98	4	1.6935		807
1.5	1490	D5-E5/SOHC/GLC	81-85	4	1.6935		807
1.5	1498	MZR – Mazda2	11-14	4	2.0085	K/#	825
1.6	1586	NA/SOHC/Pickup-616-808	70-77	4	2.2054		804
1.6	1597	B6,B6E & ZE/DOHC/323GT-Miata-MX3	88-95	4	1.8904	(Bushed) Letter	820
1.6	1597	B6/SOHC/323-8 V-press fit	86-94	4	1.8904	B#	814

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1.6	1597	B6/SOHC 16V/323-MX3-press fit	92-94	4	1.8904	#	817
1.6	1597	ZM/DOHC 16V/Protege	99-01	4	1.8904	#	817
1.8	1789	F8/SOHC 12V	82-88	4	2.1267	#	821
1.8	1796	VB/SOHC/B1800-Courier	72-78	4	2.2054		803
1.8	1839	BP/SOHC 16V/Protege	90-94	4	1.8904	(Press-Fit) #	817
1.8	1839	BP/DOHC 16V/Protege-Miata	90-98	4	1.8904	(Bushed) Letter	820
1.8	1839	FP/DOHC 16V/Protégé – 99-00 ONLY	99-00	4	1.8904	(Press-Fit) P/#	
1.8	1839	BP-ZE DOHC/Miata MX-5	99-05	4	1.8904	(Bushed) Letter	820
1.8	1844	K8/DOHC 24V/MX3	92-94	6	2.0085	K/#	825
2.0	1970	MA/SOHC 8 V Carb./626-B2000	79-84	4	2.2054		805
2.0	1991	FS/DOHC 16V/626-MX6-Protege	93-04	4	2.0085	S/#	823
2.0	1998	FE/SOHC/626-B2000	83-85	4	2.1267	9mm bolt FE#	808
2.0	1998	FE/SOHC/ Ck Forg#	85-87	4	2.1267	10mm bolt FH#	819
2.0	1998	FE Turbo/SOHC/626	86-90	4	2.1267	10mm bolt FH#	819
2.0	1998	RF20 626 diesel	84-85	4	2.1267	RF	810
2.0	1998	Tribute/ZETEC/order by specs/forg#'s below: (beam pictures on inside cover)	01-04	4			
		.748 pin - Forged Beam – Machined Cap			1.9650	8MFS	107
		.787 pin - Smooth Beam - Fractured Cap			1.9650	No forged #'s	177
		.787 pin - Forged Beam – Fractured Cap			1.9650	2M5V	117
		.812 pin - Smooth Beam - Fractured Cap			1.9650	No forged #'s	176
		.812 pin - Forged Beam – Machined Cap			1.9650	8MJS	106
2.0	1998	SKYACTIV-G/3/6/CX5/MX5/ tapered pin end	12-20	4	1.9703	Dot on beam Free-Floating	834
2.0	1999	LF/MZR- Mazda3/5/6, MX-5 use below:	04-15	4			
		Fractured Cap – Press-Fit			1.9703	Press-Fit	133
		Fractured Cap – w/bushing			1.9703	Free-Floating	103
2.2	2184	F2/SOHC/B2200-MX6-626&turbo	87-93	4	2.1267	#	812
2.2	2184	R2 Diesel/SOHC	83-88	4	2.1267	RF	810
2.2	2191	Turbo Diesel Skyactiv-G, CX5	19-20	4			
2.2	2209	S2 Diesel/OHV Pickup	82-85	4	2.2326		811
2.3	2255	KJ/DOHC 24V/Millenia	95-02	6	2.2054	w/bushing	832
2.3	2261	MZR/L3 16VDOHC(Duratec) 3/5/6/B2300/Trib	01-14	4	2.0879	Press-Fit	123
2.3	2261	MZR/L3-VDT Speed3/6, CX-7 Turbo w/bushing	07-14	4	2.1670	Free-Floating	833
2.3	2298	A/SOHC/B2300	94-97	4	2.1728	F57E-AA	174
2.5	2488	L5/MZR 4cyl. Use below: (Pic of Smooth/forged beam on inside cover)	09-15	4			
		Fractured Cap – Smooth Beam			2.1670		140
		Machined Cap – Forged beam			2.1670		141
2.5	2488	Turbo SkyActiv-G	14-20	4			835
2.5	2494	AJ/GY V6(Duratec)/DOHC 24V/MPV	00-01	6	2.0879	PM w/ bushing	175
2.5	2497	VIN C/SOHC/B2500 Truck (Ford)	98-01	4	2.1728	F87E	173
2.5	2497	KL/DOHC/626-MX6-Millenia	93-02	6	2.2054	L#	822
2.6	2555	AM1/SOHC/B2600 (Mitsub.)	87-88	4	2.2055	52	425
2.6	2606	G6/SOHC 12V/B2600i-MPV Van	89-94	4	2.1267	#	815

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3.0	2954	JE/JE48/S&DOHC/929/MPV- Beam Width=.600	92-98	6	2.2054	(WR 755gms) #	824
3.0	2954	JE/JE27/S&DOHC/929/MPV- Beam Width=.480	88-93	6	2.2054	(WR 717gms) #	818
3.0	2967	AJ V6(Duratec)/DOHC 24V/MPV/Tribute/6	01-11	6	2.0879		175
3.0	2968	OHV 12V (Ford)/B3000	94-08	6	2.2508	E6AE,F7DE, 2F1E	184
3.5	3496	MZI (Duratec) – CX9	2007	6	2.3571		105
3.7	3726	MZI (Duratec) – 6/CX9 Use below: (pics of beam type/pin end on inside cover)	08-15	6			
		Fractured cap - Straight pin end – Hex bolts			2.3571	Smooth cap	105
		Fractured cap - Tapered pin end – Hex bolts			2.3571	Raised arch/band on cap	115
		Machined cap - Forged rod - Torx bolts			2.3571	Flat rect. pad on cap	145
4.0	4016	ZZL & 8X/OHV /B4000 (Ford)WR=585gm	90-09	6	2.2378	B3AA,7AE,,OCB	187
<b>MINI</b>							
1.6	1598	Tritec-W10 – press-fit (07-08 convertible only)	02-08	4	1.811?	Press-Fit	300
1.6	1598	Tritec-W11 s/c-w/bush(07-08 convertible only)	02-08	4	1.9295	Free-Floating	301
1.6	1598	Prince-N12/N16	07-13	4			302
1.6	1598	Prince-N14/N18 Turbo	07-13	4			303
<b>MITSUBISHI</b>							
1.2	1193	3A92/Mirage	14-20	3			312
1.5	1468	G15B/SOHC-Mir.-Prec../WP=.820	85-89	4	1.7725	(Carb.)WJ=.860	419
1.5	1468	G4DJ/SOHC-Precis./WP=.820	90-94	4	1.7725	(Carb.)WJ=.860	419
1.5	1468	4G15/SOHC Mirage/WP=.740	88-02	4	1.7725	(F.I.)WJ=.780	435
1.5	1499	Turbo Eclipse Cross	18-20	4			315
1.6	1595	4G61/DOHC/Mirage (& turbo)	89-92	4	1.8905	4B,G6	426
1.6	1597	G32B/SOHC/Mirage TB Square Pin End	85-88	4	1.8905	31/G3	420
1.8	1755	SOHC/4G37/Eclip/Round Pin Hsng.	90-94	4	1.8905	G3	418
1.8	1795	G62B/SOHC/Cordia-Tredia/turbo	83-88	4	1.8905	(Pin .827)4B, G6	426
1.8	1834	4G93 SOHC/Expo & Mirage	92-96	4	1.8905	(Pin .750) 93	417
1.8	1834	4G93K SOHC/ Mirage	97-02	4	1.8905	(Pin .750) 93	417
2.0	1996	DOHC 16V/A588/Eclipse Vin Y	95-99	4	2.0081		442
2.0	1997	G63B/SOHC/Cordia,Tredia&P-up	83-89	4	1.8905	(Pin .827)4B, G6	426
2.0	1997	4G63/S&DOHC/Eclipse&Galant	89-92	4	1.8905	(Pin .827)4B, G6	426
2.0	1997	4G63/S&DOHC/Ecl&Galant	93-94	4	1.8905	(Pin .865) G6	416
2.0	1997	DOHC/4G63/Turbo Eclipse	93-99	4	1.8905	(Pin .865) G6	416
2.0	1997	4G63T Turbo Lancer	03-06	4	1.8905	(Same specs as #416/slightly different beam) Forged V	326
2.0	1998	4B11 –DOHC World Engine	08-20	4	2.0084	Press-Fit 20	320
2.0	1998	4B11 Turbo DOHC – Lancer Evo/Ralliart	08-16	4	2.1650	Free-Floating 20	310
2.0	1999	4G94 SOHC 16V/Lancer	02-06	4	1.9690	94	494
2.3	2341	4D55/Turbo Diesel	83-86	4	2.2055	##D	424
2.4	2360	4B12/4J12/DOHC World Engine- Lancer/Outlander	07-20	4	2.0084	24	324
2.4	2350	G64B/SOHC/Expo,Gal.Pup&Van	85-92	4	1.8905	(Pin .827) G6	426
2.4	2350	4G64/S&DOHC/Eclipse,Expo, Galant	93-98	4	1.8905	(Pin .865) G6	416
2.4	2350	4G64/SOHC/ - 86.5mm/3.406 Bore	99-05	4	1.8905	(Pin .865) G6	416

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
2.4	2378	4G69/SOHC/Galant/Eclipse-87mm/3.425 Bore	03-12	4	1.8905	E#	316
2.6	2555	G54B/SOHC/Montero-Pup-Starion	83-89	4	2.2055	52	425
3.0	2972	6G72	86-04	6	2.0868	72	431
3.0	2972	6G72-05only Eclipse/Spyder – OTO-Beam=.787	2005	6	2.0868	72	331
3.0	2998	6B31/Outlander	07-20	6	2.2055		460
3.5	3496	6G74/DOHC 24V/Diam.-Montero-Sport	94-04	6	2.2842	WB=.610 74	441
3.7	3701	Use below:	06-09				
		w/ bearing notches			2.4094		337
		w/o bearing notches			2.4094	Std Size/no notches	337n
		Set of 6-.002 O/S-w/notches(w/o notches upon request)			2.4114	Set of 6 .002 o/s	6337
3.8	3828	6G75 24V Eclipse-Endeavor-Galant-Montero	03-12	6	2.2842	74	461
4.7	4698	H.O. – Floating Pin (06-07 Raider) (if press-fit, see 4.7 Jeep listing)	06-07	8	2.1262	Free-Floating(no bushing)	349
<b>NISSAN</b>							
1.2	1237	A12A/OHV4/210	79-82	4	1.8902	H1040	605
1.3	1288	A13/OHV4/B210	73-74	4	1.8902	H6240	607
1.4	1397	A14/OHV4/210-310-B210-F10	75-82	4	1.8902	H72	608
1.5	1488	A15/OHV4/210-310	79-82	4	1.8902	H72	608
1.5	1488	E15/SOHC/310-Pulsar-Sentra	82-84	4	1.6934	11M	609
1.6	1595	L16/SOHC/510-Pickup	68-73	4	2.0871	N01/0142	612
1.6	1597	CA16DE/DOHC/Pulsar SE	1987	4	1.8902	D42	618
1.6	1597	E16/EA16i&16l/SOHC/Pulsar-Sentra	83-88	4	1.6934	31M	614
1.6	1597	GA16i/SOHC 12V/NX-Pulsar NX-Sentra	89-90	4	1.6934	77A	625
1.6	1597	GA16DE/DOHC16V/NX-200SX-Sentra	91-99	4	1.6934	53Y40	629
1.6	1598	HR16DE-Versa/Kicks	09-20	4	1.6934	1H, 1HC	600
1.6	1618	MR16DDT/Juke/Sentra Turbo w/bushing	11-19	4	1.8510	Free-Floating 1KC	616
1.8	1769	QG18DE/DOHC 16V/Sentra	00-06	4	1.6934	4M540	639
1.8	1770	L18/SOHC/610-710-620 Pup	73-74	4	2.0871	U60	613
1.8	1798	MR18DE/Cube/Versa – 84mm/3.31in Bore Use below (see pg1 for 'OTO-B' illustration)	07-14	4			
		Laying flat, beam = .900 (OTO-B)			1.8510	ED8	638
		Laying flat, beam = .700 (OTO-B)			1.8510	ED8	648
1.8	1798	MRA8DE/Sentra(13-) – 79.7mm/3.14in Bore	13-19	4	1.8510	3RC	649
1.8	1809	CA18ET/SOHC/200SX Turbo	84-86	4	1.8902	D02	604
1.8	1809	CA18DE/DOHC/Pulsar SE	88-89	4	1.8902	D42	618
2.0	1952	L20B/SOHC/5,6 & 710-200SX-Pup	74-79	4	2.0871	5.700"	U60 613
2.0	1952	Z20E&S/SOHC/510-200SX	80-81	4	2.0871	5.700"	U60 613
2.0	1952	Z20/SOHC/Pickup	83-86	4	2.0871	6.000"	N85 617
2.0	1974	CA20E&S/SOHC/200SX-Stanza	82-89	4	1.8902	D17	611
2.0	1997	MR20DE – Choose from below by forg#:	07-20	4		EN2	642
		#EN2 – Sentra	(07-12)		1.8510	EN2	642
		#3RC – NV200/Rogue	(13-20)		1.8510	3RC	649
2.0	1997	KR20DDET – Altima Turbo	19-20	4			630
2.0	1998	SR20DE/DOHC/200SX-NX-Sentra	91-01	4	2.0084	60J40	610

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
2.2	2187	Z22/SOHC/720 Pickup	81-82	4	2.0871	(ck forg.#) U60	613
2.2	2187	Z22 & Z22E/SOHC/200SX-Pickup	82-83	4	2.0871	(Ck forg.#) D81	623
2.4	2389	Z24&Z24i/SOHC 8V/Pathf.-Pup-Van	83-89	4	2.0871	N30W	615
2.4	2389	KA24E/SOHC12V/240SX-Stanza – Free-Floating	89-92	4	2.0871	40,50,53F&86G	628
2.4	2389	KA24E/SOHC 12V/Pickup – Press-Fit	90-97	4	2.0871	40,50,53F&86G	626
2.4	2389	KA24DE/DOHC 16V – Free-Floating	91-04	4	2.0871	40,50,53F&86G	628
2.4	2393	L24/SOHC/240Z	70-73	6	2.0871	23040	601
2.4	2393	L24E/SOHC/810	77-81	6	2.0871	23040	601
2.4	2393	L24E/SOHC/Maxima	82-84	6	1.8902	O3E	603
2.5	2488	QR25 use following by forg#/measurements (beam measurements illustrated as 'WB' on pg1)					
		QR25DE	02-14	4	1.8902	Beam= .720 wide #AEO, AE	634
		QR25DE(certain models, beginning in 09) QR25DER Turbo	09-20	4	1.8902	Beam= .775 wide #3T	644
2.6	2565	L26/SOHC/260Z	1974	6	2.0871	A87(A8742 order #602L)	602
2.8	2753	L28E&ET/SOHC/280Z & ZX	75-83	6	2.0871	A87(A8742 order #602L)	602
3.0	2960	VG30/SOHC*/Pressed-see note below	84-87	6	2.0871	16E	620
3.0	2960	VE-VG30/DOHC*/300ZX-Maxima	90-96	6	2.0871	Pin .866 30P40	621
3.0	2960	VG30/SOHC*/Bushing with oil hole	87-98	6	2.0871	Pin .826 21V/OWO	622
3.0	2960	VG30/SOHC*/Bushing no oil hole	89-98	6	2.0871	Pin .826 OWO	632
3.0	2988	VQ30DE DOHC Maxima cc=5.815	95-01	6	1.8902	31U	631
3.3	3272	VG33E/SOHC/Pathf.,Quest,Xterra, frontier	96-04	6	2.0871	W/oil hole 21V/OWO	622
3.5	3498	VQ35DE/Alt/Max/Mur/Path/Qst/350Z(03-06)	01-20	6	2.1659	4WO or W	635
3.5	3498	VQ35HR/350Z (07-09)	07-09	6	2.2446	JK	633
3.7	3696	VQ37VHR/370Z	09-20	6	2.2446	EY	637
3.8	3799	VR38DETT- GT-R	17-20	6			698
4.0	3954	VQ40DE	05-20	6	2.2446	EA2	640
5.6	5600	VK56DE – Use following by forging#:	04-20	8			
		#7SO	(04-10)		2.2446	Weighs 620-25g 7SO	636
		#1L	(10-20)		2.2446	Weighs 635-40g 1L	696

## SUBARU

If rod not listed below, please call with application/forging #'s/measurements for availability

	EJ20/22/25 Use below (rod length + - .005)	89-14	4			
	Small rod bore - 5.180 c-c			2.1060		866
	Large rod bore - 5.180 c-c			2.1652	6L	868
	Tapered Pin End w/Cap bolt - 5.140 c-c			2.1652	IT, or #..	867
	Straight Pin End w/ Nut/bolt - 5.140 c-c			2.1652	##	870

## SUZUKI

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LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
1.0	993	G10/Ck forg#	85-93	3	1.7724	820	716
1.0	993	G10/Ck forg#	85-93	3	1.7724	860	727
1.3	1298	G13BA/SOHC/Ck forg#	90-97	4	1.7724	820	716
1.3	1298	G13BB/SOHC 16V/Swift	98-01	4	1.7724	(Free float ) 70C	756
1.3	1298	G13K*/DOHC/Ck forg# (bushed)	89-94	4	1.7724	82152	729
1.3	1324	G13A*/SOHC/Samuri-Sidekick	86-89	4	1.7724	820	716
1.6	1590	G16KC/SOHC 8V/Sidekick	89-90	4	1.8510	60A	723
1.6	1590	G16KC-KV/ SOHC 8&16Vsidek.-X90	91-98	4	1.8510	Free float 71C##	717
1.6	1590	G16B/SOHC 16V/Esteem-Vitara	95-02	4	1.8510	Free float 71C##	717
1.8	1840	G18K/DOHC/ Sidekick/Esteem	96-02	4	2.0871	77E	738
2.0	1995	J20A/DOHC /Aerio & Vitara	99-03	4	2.0871	86F	748
2.0	1995	J20/SX4 Use based on Forg# below:	09-13	4			
		Forg# 59J0	09-10		2.0871	59J0	759
		Forg# 78K0	11-13		2.0871	78K0	757
2.0	1998	(GM/Daewoo)/Forenza/Reno	04-08	4	2.0477	Hex bolt	514
2.3	2295	DOHC 16V/Aerio-Aerio SX	04-07	4	2.0871	59J0	759
2.4	2393	J24/Kisashi/Grand Vitara	09-13	4	2.0871	78K0	757
2.5	2488	Equator	09-12	4	1.8902	AEO/AE	634
2.5	2492	L6 Verona	04-06	6	1.8587	3 #'s on beam	758
2.5	2495	V6 Vitara & Grand Vitara	99-04	6	2.0871	86F	748
2.7	2737	H27A/DOHC/Grand Vitara XL-7	01-06	6	2.0871	86F	748
2.7	2737	Grand Vitara/SX4	07-08	6	2.0871	59J0	759
3.2	3195	Grand Vitara use below (pin end pics pg1)	09-10	6			
		STRAIGHT PIN END			2.3479	6839	576
		TAPERED PIN END			2.3479	0586	586
3.6	3654	XLR use below (pin end pics pg1)	07-09	6			
		STRAIGHT PIN END			2.3479	6839	576
		TAPERED PIN END			2.3479	0586	586
4.0	3954	Equator	09-12	8	2.2446	EA2	640
<b>TOYOTA/SCION</b>							
1.3	1329	1NRFE/Scion IQ	12-15	4	1.7726		933
1.5	1452	1AC/3AC/SOHC/thru Oct 83	80-83	4	1.6938	Wide Tangs	965w
1.5	1452	3AC/SOHC/from Oct 83	83-88	4	1.6938	Narrow Tangs	965n
1.5	1456	3E/SOHC 12V/ Tercel	87-91	4	1.8118		972
1.5	1456	3EE/SOHC 12V/ Tercel	90-94	4	1.8118		972
1.5	1497	5EFE/DOHC 16V/Paseo-Tercel	92-96	4	1.8118		972
1.5	1497	5EFE/DOHC 16V/Paseo-Tercel	97-98	4	1.8118	WB= .320	992
1.5	1497	1NZFE / FXE (Toyota/Scion)	00-20	4	1.6938		932
1.6	1587	4AC/4ALC/SOHC/Corolla thru 10-83	1983	4	1.6938	Wide Tangs	965w
1.6	1587	4AC/4ALC/fr. Oct-Corolla 11-83 on	83-88	4	1.6938	Pin .709	965n
1.6	1587	4AGEC/4AGELC/DOHC/Cor.-MR2	85-87	4	1.6938	Pin .709	965n
1.6	1587	4AF/4AFE/Cel,Cor & SR5	88-92	4	1.6938	Pin .709	965n
1.6	1587	4AGE&GELC/DOHC/Cor GTS& MR2	88-91	4	1.7726	(Bushing)	982

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1.6	1587	4AGZE/DOHC/MR2 Super	88-89	4	1.7726	(Bushing)	982
1.6	1587	4AFE/DOHC/Corolla	93-97	4	1.6938	Pin .780	985
1.6	1588	2TC/OHV/Corolla	70-79	4	2.0088		963
1.8	1762	7AFE/DOHC/Celica-Corolla	93-97	4	2.0088		962
1.8	1770	3TC/OHV/Corolla	80-82	4	2.0088		963
1.8	1794	1ZZFE(Corolla/Celica/Matrix/MR2) 3.110 Bore	98-08	4	1.8513	w/bearing notches	942
1.8	1796	2ZZGE/(Cel.GTS/Cor.XRS/Matr.XRS) 3.228 Bore	00-06	4	1.8905	Turbo engine	943
1.8	1797	2ZRFE/FXE(Cor/Matr/Prius/ScionXD/IM)3.169 Bore	09-20	4	1.8513	no bearing notches	948
1.8	1839	1CLC/1CTLCDsl. & Turbo	84-86	4	2.1072		971
1.9	1858	8R/8RC/MKII & Pickup	68-71	4	2.2057		957
1.9	1897	3RB/3RC/Corona,Hi-Lux	65-70	4	2.2840		956
2.0	1998	4UGSE (Subaru FA20) Scion FR-S, Toyota 86	13-20	4			860
2.0	1968	18RC/SOHC/Cel,Cor,P-up	72-74	4	2.2057		958
2.0	1974	2CTLCTurbo Diesel	1986	4	2.1072		971
2.0	1986	M20AFKS - Corolla	19-20	4			
2.0	1998	2SELC/SOHC/Camry-Celica	83-86	4	2.0088		964
2.0	1998	3SFE/DOHC/Camry-Celica	87-91	4	2.0088		964
2.0	1998	3SGELC/DOHC/Celica GTS	86-89	4	2.0088		978
2.0	1998	3SGTE/DOHC Turbo/Celi&MR2	88-95	4	2.0088		978
2.0	1998	3YEC/8 V OHV/Van	84-85	4	2.0088		967
2.0	1998	3SFE 16 V/DOHC/RAV4	96-97	4	2.1667	Free-Floating	977
2.0	1998	3SFE /DOHC 16V/RAV4	98-00	4	2.1667	Press-Fit	997
2.0	1998	1AZFE/DOHC 16V/RAV4	01-03	4	2.0088		944
2.2	2164	5SFE/DOHC/Cam,Cel,MR2&Solara	90-01	4	2.1667		977
2.2	2188	L/Hi-Lux Diesel	81-83	4	2.2057		970
2.2	2189	20R/SOHC/Cel,Cor & Pup	75-80	4	2.2057		960
2.2	2237	4YEC/ 8V OHV/Van	86-89	4	2.0088		967
2.4	2362	2AZFE/ScionTC-XB/MatrX/Hi-L/Camry-Sol/Rav4	01-15	4	2.0088		944
2.4	2366	22R's/SOHC/Cel,Pup&4 Run.	81-95	4	2.2057		960
2.4	2438	2TZFE&FZE/DOHC 16V/Previa	90-97	4	2.2057		981
2.4	2438	2RZFE/DOHC/Tacoma	95-04	4	2.2057		981
2.5	2487	A25A-FKX/FXS, Camry,Rav4,Highlander,Avalon	18-20	4			925
2.5	2494	2AR – Avalon/Camry/Rav4/TC	09-18	4	2.1460		994
2.5	2507	2VZFE/DOHC 24V/Camry	88-91	6	2.0088		976
2.6	2563	4M-ME/SOHC/Cress.-Supra	71-80	6	2.1667		955
2.7	2693	3RZFE/DOHC/T100-Tacoma,4Runner	94-04	4	2.2057		987
2.7	2672	1AR/Venza/Highlander/Sienna	09-20	4	2.1460		994
2.7	2704	2TRFE/Tacoma/4-Runner	05-20	4	2.2057		945
2.8	2759	5ME-MGE/S&D/Cress.-Supra (thru July 84)	81-84	6	2.1667	Bearing notch on cap	955
2.8	2759	5MGE/DOHC/Cressida-Supra (from July 84)	84-88	6	2.1667	Bearing notch on rod	959
3.0	2954	7m GE&GTE/DOHC/Cressida &Supra	86-92	6	2.1667		973
3.0	2958	3VZE/SOHC/4Run,P-up&T100	88-95	6	2.2844	Press fit Pin .828	979
3.0	2958	3VZFE/DOHC/Camry	92-93	6	2.2844	Free-Float Pin .866	989
3.0	2995	1MZFE/Avalon,Camry,Highl.,Sienna	94-06	6	2.2057		984

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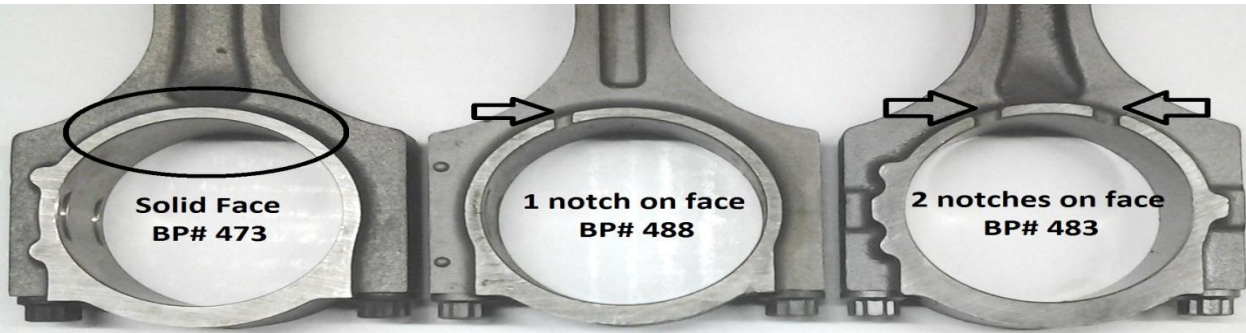
LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
3.0	2997	2IJGE & GTE/DOHC/Supra & Turbo	93-98	6	2.1667		983
3.0	2997	2IJGE & GTE/DOHC/Supra & Turbo	93-98	6	2.1667	760grams/Beam= .555 wide	983
3.0	2997	2IJGE & GTE/DOHC/Supra & Turbo	93-97	6	2.1667	660grams/Beam= .420 wide	993
3.3	3311	3MZFE DOHC	04-14	6	2.2057		984
3.4	3378	5VZFE/4Run.-T100-Tacoma-Tundra	95-04	6	2.2844		989
3.5	3456	2GRFE/FSE/FXE	05-20	6	2.2057		995
3.9	3878	F/Land Cruiser	69-75	6	2.2368		974
4.0	3955	3FE/Land Cruiser	88-92	6	2.2057		960
4.0	3955	1GRFE/DOHC 24V/FJ/4-Run/Tacoma/Tundra	03-20	6	2.3232	No bearing notches	940
4.2	4230	2F/Land Cruiser	76-87	6	2.2368		974
4.5	4476	1FZFE Landcruiser	93-98	6	2.3836		990
4.6	4608	1URFE	10-20	8	2.2057		946
4.7	4663	2UZFE	00-09	8	2.1663		999
5.7	5663	3URFE	07-20	8	2.3232		998
<b>VW</b>							
(If part#, application, or forg# not listed, please call with forging #'s/measurements for availability.)							
1.5	1457	SOHC 8V/Rabbit-Scirroco WR=666gms	78-80	4	1.9298	(pin .866) Nut BL=3.955	650
1.5	1471	SOHC Gas&Diesel/Dasher-Rabbit-Scirr.	73-80	4	1.9298	(pin .866) Nut BL=3.955	650
1.6	1588	SOHC 8V/Dash.-Jetta-Rabbit-Scirroco	75-80	4	1.9298	(pin .866) Nut BL=3.955	650
1.6	1588	SOHC Diesel/Dash-Golf-Jta-Rabt-Pkup	81-87	4	1.9929	(also, Turbo) Pin=.942	652
1.7	1715	SOHC 8V/Jetta-Quant.-Rabbit-Scirroco	82-84	4	1.9298	(pin .866) Nut BL=3.955	650
1.8	1780	S&DOHC 8&16V/Cabrio-Fox-Golf-Jetta	83-93	4	1.9929	(pin .787) BL=4.280	655
		<b>VW 1.8 / 2.0 gas Use the following:</b>	93-08	4	1.9929		
		Forg# 027B WP = .980			1.9929	027B	653
		Forg# 027B WP = .790			1.9929	027B	663
		Forg# 048 OTO-B = .925			1.9929	048	665
		Forg# 048C OTO-B = .850			1.9929	048C	656
		Forg# 053F – Forged – Machined Cap			1.9929	053F	673
		Forg# 06J - Tapered Pin End – Machined Cap			1.9929	06J	662
		Forg# 06BA - Tapered Pin End – Broken Cap			1.9929	06BA	661
		Forg# 07K – Tapered Pin End – Broken Cap			1.9929	07K	664
1.9	1896	Diesel - use the following:	88-06	4			
		# 028H – Straight pin end			1.9929	028H	659
		#074B – Straight pin end			1.9929	074B	669
		#038J – Tapered pin end			1.9929	038J	679
2.0		Turbo Diesel	04-14	4			
2.5	2480		05-14	5			
2.8	2771	Use the following: (all have same bolt diameters, dimensions and weight)	98-05	6	2.2682		
		#BHS078 - Machined Cap- .315 bolt head				BHS078	667
		#078J Cracked Cap -.315 bolt head				078J Std Size	670
		#078J Cracked Cap -.375 bolt head				078J Std Size	668
2.8	2792	#021E	92-03	6	2.2370	021E	658

**ALL PART #'S ARE STANDARD SIZE. FOR .002 OVERSIZED RODS,  
ADD 'OS' AT THE END OF PART # e.g. 447os (only available on 'broken' rods)  
ALL RODS WITH BUSHINGS ARE FITTED TO SIZE**

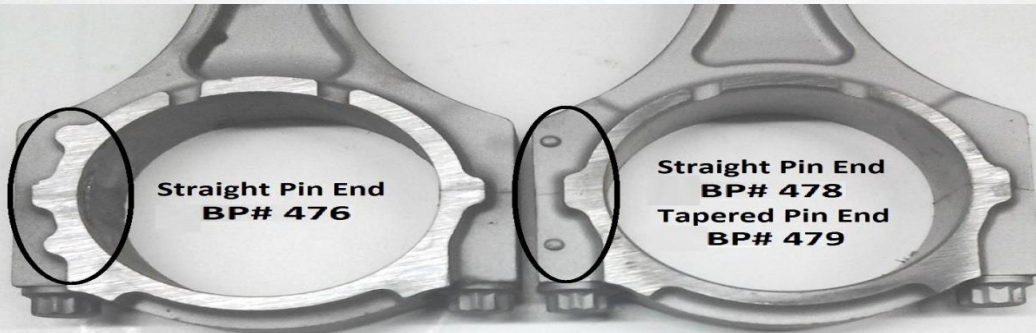
LITER	CC/ CID	Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
3.0		Turbo Diesel	09-14	6			
3.0	2968	S/C	11-14	6			
3.2	3189	#021E	04-07	6	2.2370	021E	658
3.6	3598		06-14	6			
3.8			09-10	6			
4.0			02-10	6			
4.2			04-09	8			
5.0		Turbo Diesel V10	04-07	10			
6.0		W12 Phaeton	04-06	12			660

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3.3/3.5/3.8 Hyu/Kia. All Rod Bores = 2.2842 Other specs and difference in Straight/Tapered pin end at bottom.



**Press-Fit Rods - 8mm bolt**



**Free-Floating w/bushing - 8mm bolt**



**Free-Floating w/bushing - 9mm bolt**

**Straight  
Pin End**

**Tapered  
Pin End**



BP#	Weight (+ 5g)	Journal width	Press / Float	Str8/tap pin end	Bolt dia.	Pin dia.	C-C
473	605	.900	Press	Straight	8mm	.905	5.99"
476	605	.900	Float/Bush	Straight	8mm	.866	5.99"
478	600	.900	Float/Bush	Straight	8mm	.866	5.99"
479	595	.900	Float/Bush	Tapered	8mm	.866	5.99"
483	640	.900	Press	Straight	8mm	.905	5.99"
485	620	.820	Float/Bush	Straight	9mm	.866	5.99"
486	595	.820	Float/Bush	Tapered	9mm	.866	5.9"
488	610	.900	Press	Straight	8mm	.905	5.99"
489	615	.820	Float/Bush	Tapered	9mm	.866	5.9"

LITER	CID	CC/ Engine/Specs/Descr/Notes	Years	Cyl	Rod Bore	Forg#	Part#
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**ALL PART #'S ARE STANDARD SIZE. FOR .002 OVERSIZED RODS,  
ADD 'OS' AT THE END OF PART # e.g. 447os (only available on 'broken' rods)  
ALL RODS WITH BUSHINGS ARE FITTED TO SIZE**