

Competition Push Rod Engine Applications



Make/Model Part Number	Type	O.D	I.D	Seat Pressure	Open Pressure	Max. Lift	Coil Bind
Roller Lifter							
30003.02 (Each)	Dual Spring	1.50"	0.78"	229 lbs @ 1.90"	547 lbs @ 1.25"	0.65"	1.12"
30003.216 (Set of 16)							
30013.02 (Each)	Dual Spring	1.57"	0.825"	187 lbs @ 2.05"	546 lbs @ 1.40"	0.65"	1.25"
30013.216 (Set of 16)							
30004.02 (Each)	Dual Spring	1.58"	0.84"	243 lbs @ 1.95"	627 lbs @ 1.20"	0.75"	1.08"
30004.216 (Set of 16)							
30010.02 (Each)	Dual Spring	1.59"	0.84"	220 lbs @ 2.05"	712 lb @ 1.25"	0.80"	1.17"
30010.216 (Set of 16)							
35003.02 (Each)	Dual Spring	1.62" / 1.53"	0.83" / 0.74"	246 lbs @ 2.12"	714 lbs @ 1.33"	0.75"	1.15"
35003.216 (Set of 16)	Beehive						
30005.02 (Each)	Dual Spring	1.625"	0.85"	255 lbs @ 2.00"	691 lbs @ 1.25"	0.75"	1.13"
30005.216 (Set of 16)							
30012.02 (Each)	Dual Spring	1.625"	0.84"	270 lbs @ 2.00"	760 lb @ 1.25"	0.75"	1.16"
30012.216 (Set of 16)							
Flat Tappet							
30008.02 (Each)	Dual Spring	1.52"	0.80"	190 lbs @ 2.05"	584 lbs @ 1.25"	0.80"	1.17"
30008.216 (Set of 16)							
30001.02 (Each)	Dual Spring	1.57"	0.84"	203 lbs @ 2.05"	579 lbs @ 1.30"	0.75"	1.07"
30001.216 (Set of 16)							
Circle Track Restrictor Plate							
30007.01 (Each)	Single Spring	1.54"	1.12"	145 lbs @ 1.90"	330 lbs @ 1.35"	0.55"	1.24"
30007.116 (Set of 16)							
Drag Racing							
30020.02 (Each)	Dual Spring	1.66"	0.88"	305 lbs @ 2.15"	822 lbs @ 1.30"	0.85"	1.16"
30020.216 (Set of 16)							
30021.03 (Each)	Triple Spring	1.66"	0.63"	367 lbs @ 2.07"	967 lbs @ 1.27"	0.80"	1.19"
30021.316 (Set of 16)							



Domestic Applications (complete engine sets)

Make/Model Part Number	Type	O.D	I.D	Seat Pressure	Open Pressure	Max. Lift	Coil Bind
Chevrolet Camaro / Corvette LS1 / LS6 V8 25408.116 (Set of 16) 25410.116 (Set of 16) High load	Conical Spring Conical Spring	1.25" 1.27"	0.89" 0.88"	135 lbs @ 1.80" 166 lbs @ 1.80"	288 lbs @ 1.20" 389 lbs @ 1.25"	0.60" 0.55"	1.11" 1.18"
Chevrolet 262 - 400 V8 20415.116 (Set of 16)	Single Spring	1.23"	0.875"	92 lbs @ 1.70"	213 lbs @ 1.25"	0.45"	1.08"
Chevrolet 396/402/427/454 V8 20422.116 (Set of 16)	Single Spring	1.50"	1.09"	135 lbs @ 1.88"	287 lbs @ 1.35"	0.53"	1.24"
Chrysler 318 / 340 / 360 V8 20425.116 (Set of 16)	Single Spring	1.41"	1.02"	103 lbs @ 1.65"	241 lbs @ 1.20"	0.45"	1.07"
Chrysler 383 / 400 / 413 / 440 V8 20427.116 (Set of 16)	Single Spring	1.38"	1.02"	126 lbs @ 1.86"	210 lbs @ 1.40"	0.46"	1.08"
Ford Mustang / F-Series 4.6 L V8 25409.116 (Set of 16)	Conical Spring	1.04"	0.74"	84 lbs @ 1.57"	202 lbs @ 1.02"	0.55"	0.95"
Ford Mustang 4.6 / 5.4 32V V8 25414.132 (Set of 32)	Conical Spring	1.06"	0.75"	76 lbs @ 1.42"	223 lbs @ 0.95"	0.47"	0.82"
Ford 289 - 302 V8 63'-81' 20420.116 (Set of 16)	Single Spring	1.36"	1.00"	100 lbs @ 1.70"	209 lbs @ 1.20"	0.50"	0.97"
Pontiac Firebird / GTO LS1 / LS6 25408.116 (Set of 16) 25410.116 (Set of 16) High Load	Conical Spring Conical Spring	1.25" 1.27"	0.89" 0.88"	135 lbs @ 1.80" 166 lbs @ 1.80"	288 lbs @ 1.20" 389 lbs @ 1.25"	0.60" 0.55"	1.11" 1.18"

Import Applications (complete engine sets)



Make/Model Part Number	Type	O.D	I.D	Seat Pressure	Open Pressure	Max. Lift	Coil Bind
Acura RSX / TSX K20 20411.216 (Set of 16)	Dual Spring	29.4 mm	16.9 mm	82 lbs @ 40.5 mm	238 lbs @ 27 mm	13.5 mm	25.3 mm
Acura NSX C30 20402.224 (Set of 24)	Dual Spring	29.3 mm	16.8 mm	80 lbs @ 36.4 mm	226 lbs @ 23.4 mm	13 mm	21.9 mm
Acura Integra B18 20401.216 (Set of 16)	Dual Spring	29.3 mm	16.8 mm	78 lbs @ 33.4 mm	212 lbs @ 21.4 mm	12 mm	18.8 mm
BMW E46 25435.116 (Set of 16)	Single Spring	30.05 mm	16 mm	79 lbs @ 37 mm	168 lbs @ 26.5 mm	10.5 mm	24.8 mm
BMW Mini 1.6 20463.116 (Set of 16)	Single Spring	26 mm	17.6 mm	80 lbs @ 43 mm	212 lbs @ 33 mm	11 mm	30.7 mm
Honda Civic Type R / Civic SI / B18 20401.216 (Set of 16)	Dual Spring	29.3 mm	16.8 mm	78 lbs @ 33.4 mm	212 lbs @ 21.4 mm	12 mm	18.8 mm
Honda Civic Type R / Civic SI / S2000 K20 / F20 20411.216 (Set of 16)	Dual Spring	29.4 mm	16.9 mm	82 lbs @ 40.5 mm	238 lbs @ 27 mm	13.5 mm	25.3 mm
Honda Prelude H22 20402.224 (Set of 24)	Dual Spring	29.3 mm	16.8 mm	80 lbs @ 36.4 mm	226 lbs @ 23.4 mm	13 mm	21.9 mm
Infiniti G35 3.5L 20452.124 (Set of 24)	Single Spring	24.8 mm	17.6 mm	65 lbs @ 38 mm	175 lbs @ 24.5 mm	13.5 mm	22.9 mm
Mazda Miata 1.8L 20410.116 (Set of 16) 20432.216* (Set of 16)	Single Spring Dual Spring	25.7 mm 26.6 mm	18.1 mm 14.2 mm	66 lbs @ 39 mm 75 lbs @ 35.8 mm	200 lbs @ 27 mm 210 lbs @ 24.1 mm	12 mm 11.7 mm	24.2 mm 22.1 mm
*Spec Miata Race Spring, use Mazda retainer B6N7-12-123C B6N7-12-113							
Mazda 3 / 6 2.0L / 2.3L 16V 25407.116 (Set of 16)	Conical Spring	24.8 mm	18 mm	47 lbs @ 35 mm	140 lbs @ 23.5 mm	11.5 mm	21.6 mm
Mitsubishi EVO VIII 25430.116 (Set of 16)	Conical Spring	26 mm	19.1 mm	85 lbs @ 38.1 mm	202 lbs @ 26.1 mm	12 mm	24.3 mm
Nissan 350Z 3.5L 20452.124 (Set of 24)	Single Spring	24.8 mm	17.6 mm	65 lbs @ 38 mm	175 lbs @ 24.5 mm	13.5 mm	22.9 mm
Nissan SR20DET 20466.116 (Set of 16)	Single Spring	29.2 mm	21 mm	82 lbs @ 39 mm	216 lbs @ 27.5 mm	11.5 mm	25.4 mm



Import Applications (complete engine sets) con't

Part Number	Type	O.D	I.D	Seat Pressure	Open Pressure	Max. Lift	Coil Bind
Nissan RB26 20445.116 (Set of 16)	Single Spring	27 mm	19 mm	81 lbs @ 41.9 mm	211 lbs @ 29.9 mm	12 mm	28.4 mm
Porsche 911 Air Cooled 20701.212 (Set of 12) 20444.212 (Set of 12)	Dual Spring High Lift Spring	31.6 mm 31.75 mm	17.6 mm 17.3 mm	55 lbs @ 36.5 mm 90 lbs @ 36 mm	183 lbs @ 25.5 mm 277 lbs @ 23.3 mm	11 mm 12.7 mm	20.5 mm 20.7 mm
Porsche 996 GT3 / Turbo 20453.224 (Set of 24)	Double Spring	29.6 mm	17 mm	70 lbs @ 32.5 mm	225 lbs @ 18.5 mm	14 mm	16.8 mm
Subaru Impreza WRX / Sti 20457.116 (Set of 16)	Single Spring	26.7 mm	19.1 mm	62 lbs @ 36 mm	175 lbs @ 25 mm	11 mm	23.2 mm
Toyota 1ZZ 20409.116 (Set of 16)	Single Spring	22.2 mm	16.2 mm	39 lbs @ 33.4 mm	97 lbs @ 22.4 mm	11 mm	20.6 mm
Toyota 2ZZ 20407.116 (Set of 16)	Single Spring	22.5 mm	15.7 mm	48 lbs @ 39.4 mm	147 lbs @ 26.9 mm	12.5 mm	25 mm
VW Golf / Jetta / Passat 2.0L 8V 20406.208 (Set of 8)	Dual Spring	30.2 mm	17.9 mm	74 lbs @ 31.75 mm	189 lbs @ 20.25 mm	11.5 mm	16.1 mm
VW Golf / Jetta / Passat VR6 20406.212 (Set of 12)	Dual Spring	30.2 mm	17.9 mm	74 lbs @ 31.75 mm	189 lbs @ 20.25 mm	11.5 mm	16.1 mm

Motorcycle Applications (complete engine sets)

Part Number	Type	O.D	I.D	Seat Pressure	Open Pressure	Max. Lift	Coil Bind
Harley Davidson Evolution 1450cc 25413.204 (Set of 4) Retainer kit included	Dual Spring	1.38"	0.71"	133 lbs @ 1.78"	345 lbs @ 1.28"	0.50"	0.96"
Harley Davidson Evolution 1540cc 25412.204 (Set of 4) Retainer kit included	Dual Spring	1.38"	0.71"	149 lbs @ 1.78"	385 lbs @ 1.23"	0.55"	0.96"
Harley Davidson Panhead/Shovel 20433.204 (Set of 4) 20434.204 (Set of 4)	Dual Spring Dual Spring	1.65" 1.65"	0.87" 0.87"	131 lbs @ 1.50" 181 lbs @ 1.50"		0.53" 0.53"	0.88" 0.88"
Harley Davidson WL 20435.104 (Set of 4)	Single Spring	0.98"	0.66"	92 lbs @ 1.97"		0.50"	1.33"
Yamaha YZ250F / R1 20456.102 (Set of 2) 20458.102 (Set of 2)	Intake Spring Exhaust Spring	16.4 mm 19 mm	11.4 mm 11.4 mm	33 lbs @ 28 mm 40 lbs @ 28 mm	74 lbs @ 22 mm 107 lbs @ 22 mm	6 mm 6 mm	19.75 mm 19.95 mm

EVS Specifications



	P/N Each	Outer O.D.		Inner I.D.		L1		F1		L2		Max. Lift		F2		Lc	
		mm	inch	mm	inch	mm	inch	N	LBS	mm	inch	mm	inch	N	LBS	mm	inch
	20456.01	16.4	0.65	11.4	0.45	28.0	1.10	150	34	22.0	0.87	6.0	0.24	330	74	19.8	0.78
	20458.01	19.0	0.75	13.0	0.51	28.0	1.10	176	40	22.0	0.87	6.0	0.24	477	107	20.0	0.79
	20439.01	20.5	0.81	15.5	0.61	32.0	1.26	98	22	18.0	0.71	14.0	0.55	310	70	15.0	0.59
	20436.01	20.5	0.81	15.5	0.61	32.0	1.26	98	22	18.0	0.71	14.0	0.55	310	70	15.0	0.59
	20409.01	22.2	0.87	16.2	0.64	33.4	1.31	175	39	22.4	0.88	11.0	0.43	433	97	20.6	0.81
	20407.01	22.5	0.89	15.7	0.62	39.4	1.55	212	48	26.9	1.06	12.5	0.49	655	147	25.0	0.98
	25100.01	24.3	0.96	17.1	0.67	37.5	1.48	232	52	26.0	1.02	11.5	0.45	647	145	24.5	0.96
	20452.01	24.8	0.98	17.6	0.69	38.0	1.50	289	65	24.5	0.96	13.5	0.53	775	174	22.9	0.90
	20442.02	25.2	0.99	14.0	0.55	35.0	1.38	260	58	21.0	0.83	14.0	0.55	750	169	19.9	0.78
	TRD9B5.02	25.3	0.99	13.3	0.52	33.2	1.30	316	71	22.4	0.88	10.8	0.42	870	196	21.2	0.83
	20405.02	25.5	1.01	13.6	0.54	34.2	1.35	337	76	21.2	0.83	13.0	0.51	999	224	19.9	0.78
	20410.01	25.6	1.01	18.0	0.71	39.0	1.54	292	66	27.0	1.06	12.0	0.47	886	199	24.2	0.95
	20441.01	25.6	1.01	18.2	0.72	34.0	1.34	250	56	23.0	0.91	11.0	0.43	740	166	21.1	0.83
	20468.02	25.6	1.01	13.6	0.54	34.0	1.34	280	63	21.5	0.85	12.5	0.49	1,245	280	19.9	0.78
	22632.02	26.0	1.02	14.4	0.57	34.8	1.37	256	58	20.8	0.82	14.0	0.55	750	169	19.5	0.77
	20463.01	26.0	1.02	17.6	0.69	43.0	1.69	348	78	33.0	1.30	11.0	0.43	944	212	30.7	1.21
	25409.01	26.4	1.04	18.8	0.74	39.9	1.57	375	84	25.9	1.02	14.0	0.55	897	202	24.1	0.95
	25430.01	26.5	1.04	19.1	0.75	38.1	1.50	381	86	26.1	1.03	12.0	0.47	902	203	24.3	0.96
	20432.02	26.6	1.05	14.2	0.56	35.8	1.41	356	80	24.1	0.95	11.7	0.46	935	210	22.1	0.87
	25407.01	26.6	1.05	19.8	0.78	35.0	1.38	208	47	23.5	0.93	11.5	0.45	622	140	21.6	0.85
	20457.01	26.7	1.05	19.1	0.75	36.0	1.42	275	62	25.0	0.98	11.0	0.43	780	175	23.2	0.91
	25414.01	27.0	1.06	19.0	0.75	36.0	1.42	339	76	24.0	0.94	12.0	0.47	993	223	21.2	0.83
	20445.01	27.0	1.06	19.0	0.75	41.9	1.65	359	81	29.9	1.18	12.0	0.47	940	211	28.4	1.12
	20455.02	27.1	1.07	14.7	0.58	40.0	1.57	309	69	29.0	1.14	11.0	0.43	887	199	24.7	0.97
	20438.01	27.5	1.08	20.1	0.79	32.0	1.26	265	60	20.0	0.79	12.0	0.47	765	172	18.5	0.73
	20443.02	28.0	1.10	15.6	0.61	36.5	1.44	265	60	22.5	0.89	14.0	0.55	890	200	19.6	0.77
	20440.02	28.5	1.12	15.8	0.62	40.0	1.57	367	82	26.0	1.02	14.0	0.55	1,059	238	24.3	0.96
	25001.01	28.6	1.13	21.4	0.84	38.0	1.50	260	58	27.0	1.06	11.0	0.43	618	139	24.6	0.97
	20430.02	29.0	1.14	21.5	0.85	34.8	1.37	394	89	20.7	0.81	14.1	0.56	1,207	271	19.8	0.78
	20437.02	29.2	1.15	16.6	0.65	38.0	1.50	296	67	24.0	0.94	14.0	0.55	1,016	228	22.4	0.88
	20466.01	29.2	1.15	21.0	0.83	39.0	1.53	365	82	27.5	1.08	11.5	0.45	963	216	25.4	1.00
	20401.02	29.3	1.15	16.8	0.66	33.4	1.31	348	78	21.4	0.84	12.0	0.47	943	212	18.8	0.74
	20402.02	29.3	1.15	16.8	0.66	36.4	1.43	356	80	23.4	0.92	13.0	0.51	1,004	226	21.9	0.86
	20408.02	29.3	1.15	17.4	0.69	32.2	1.27	316	71	21.7	0.85	10.5	0.41	720	162	18.1	0.71
	20411.02	29.4	1.16	16.9	0.67	40.5	1.59	367	82	27.0	1.06	13.5	0.53	1,060	238	25.3	1.00
	20451.01	29.4	1.16	21.2	0.83	40.5	1.59	295	66	26.5	1.04	14.0	0.55	900	202	24.7	0.97
	20460.02	29.4	1.16	16.6	0.65	36.4	1.43	358	80	23.4	0.92	13.0	0.51	1,055	237	21.6	0.85
	20453.02	29.6	1.17	17.0	0.67	32.5	1.28	311	70	18.1	0.71	14.4	0.57	1,010	227	16.8	0.66
	20454.02	29.6	1.17	16.8	0.66	40.0	1.57	309	69	29.0	1.14	11.0	0.43	898	202	23.8	0.94
	25435.01	30.0	1.18	16.0	0.63	37.0	1.46	350	79	26.5	1.04	10.5	0.41	745	168	24.8	0.97
	20406.02	30.2	1.19	17.9	0.70	31.8	1.25	329	74	20.3	0.80	11.5	0.45	840	189	16.1	0.63
	20449.01	30.2	1.19	22.6	0.89	36.4	1.43	245	55	23.4	0.92	13.0	0.51	730	164	21.9	0.86
	20448.01	30.5	1.20	22.5	0.89	36.5	1.44	300	67	21.5	0.85	15.0	0.59	945	212	20.0	0.79
	20447.02	30.8	1.21	17.3	0.68	31.2	1.23	401	90	18.9	0.74	12.3	0.48	1,175	264	16.9	0.67
	20415.01	31.2	1.23	22.2	0.87	43.2	1.70	409	92	31.8	1.25	11.4	0.45	950	213	27.5	1.08
	20701.02	31.6	1.24	18.1	0.71	36.5	1.44	244	55	25.5	1.00	11.0	0.43	882	198	20.6	0.81
	25408.01	31.6	1.24	22.6	0.89	45.7	1.80	600	135	30.5	1.20	14.2	0.56	1,282	288	28.2	1.11
	20444.02	31.8	1.25	17.3	0.68	36.0	1.42	399	90	23.3	0.92	12.7	0.50	1,231	277	20.7	0.81
	30011.01	31.8	1.25	21.8	0.86	43.2	1.70	490	110	31.8	1.25	13.5	0.53	1,291	290	29.5	1.16
	30002.02	31.9	1.25	17.7	0.70	37.0	1.46	549	123	24.0	0.94	13.0	0.51	1,297	291	21.1	0.83
	20450.02	32.0	1.26	18.0	0.71	39.2	1.54	339	76	24.2	0.95	15.0	0.59	1,090	245	21.0	0.83
	20464.02	32.2	1.19	17.0	0.67	31.4	1.24	317	72	21.0	0.83	10.4	0.41	982	221	20.1	0.79
	25410.01	32.3	1.27	22.3	0.88	45.7	1.80	740	166	31.6	1.25	14.1	0.55	1,730	389	30.0	1.18
	20420.01	34.7	1.37	25.7	1.01	43.2	1.70	449	101	30.5	1.20	12.7	0.50	930	209	24.8	0.98
	20427.01	35.0	1.38	26.0	1.02	47.3	1.86	560	126	35.6	1.40	11.7	0.46	933	210	27.5	1.08
	20425.01	36.0	1.42	26.0	1.02	41.9	1.65	458	103	30.5	1.20	11.4	0.45	1,073	241	27.3	1.07
	30006.02	36.1	1.42	20.6	0.81	45.7	1.80	538	121	27.9	1.10	17.8	0.70	1,611	362	25.1	0.99
	30003.02	38.1	1.50	19.8	0.78	48.3	1.90	1,019	229	31.8	1.25	16.5	0.65	2,434	547	28.4	1.12
	20422.01	38.3	1.50	27.6	1.08	47.8	1.88	600	135	34.3	1.35	13.5	0.53	1,277	287	31.5	1.24
	30008.02	38.6	1.52	20.3	0.80	52.1	2.05	846	190	31.8	1.25	20.3	0.80	2,599	584	29.7	1.17
	30007.01	39.1	1.54	28.4	1.12	48.3	1.90	645	145	34.3	1.35	14.0	0.55	1,469	330	31.5	1.24
	30001.02	39.9	1.57	21.3	0.84	52.1	2.05	903	203	33.0	1.30	19.1	0.75	2,577	579	27.2	1.07
	30013.02	39.9	1.57	20.8	0.82	52.1	2.05	832	187	35.6	1.40	16.5	0.65	2,430	546	31.8	1.25
	30004.02	40.1	1.58	21.3	0.84	49.5	1.95	1,081	243	30.5	1.20	19.1	0.75	2,790	627	27.4	1.08
	30010.02	40.4	1.59	21.3	0.84	52.1	2.05	979	220	31.8	1.25	20.3	0.80	3,168	712	29.7	1.17
	35003.02	41.1	1.62	18.8	0.74	53.8	2.12	1,095	246	33.8	1.33	19.1	0.75	3,177	714	29.2	1.15
	30005.02	41.3	1.63	21.6	0.85	50.8	2.00	1,135	255	31.8	1.25	19.1	0.75	3,075	691	28.7	1.13
	30012.02	41.3	1.63	21.3	0.84	50.8	2.00	1,202	270	31.8	1.25	19.1	0.75	3,382	760	29.5	1.16
	15001.01	41.9	1.65	27.2	1.07	52.1	2.05	676	152	33.0	1.30	19.1	0.75	1,744	392	29.7	1.17
	30020.02	42.3	1.66	22.2	0.88	54.6	2.15	1,354	305	33.0	1.30	21.6	0.85	3,658	822	29.5	1.16
	30021.03	42.3	1.66	15.9	0.63	52.6	2.07	1,634	367	32.3	1.27	20.3	0.80	4,304	967	30.2	1.19

Fax 1-951-256-8333