STANDARD REPLACEMENT VALVE SPRING APPLICATION

These part numbers and dimensions are listings of applications we have used. Due to variations in models, dimensions & pressures should be checked before fitting. In some cases we may have used shims to adjust installed height.

Springs marked with * are a double spring.

Part Number	Model	Engine	I/H	Od	Int.	Id	Seat Press	.5 Lift	Solid Height
CHRYSLER									
5091-12	Slant 6	225	1.65	1.500		0.990	100	285	1.095
FORD 4									
2021-8	Pushrod Engine	998-1600	1.28	1.134		0.612	65	165	0.750
2834-8*	Cortina	1600	1.28	1.134	0.84	0.612	100	305	0.750
4028-8	Laser E3,E5	1300-1600	1.44	1.255		0.920	120	220	0.930
4250-8*	Laser	B6 1600	1.40	1.214	0.93	0.870	70	200	0.817
0607-8	Laser KF	1800 16V	1.47	0.910	0.70	.684	40	95	0.780
4250-8*	Escort, Cortina	2000 OHC	1.42	1.214	0.93	0.870	70	195	0.817
5840-8*	Telstar FE	Std Replace.	1.635	1.330	0.98	0.720	70	210	0.880
5833-8*	Telstar FE	Performance	1.635	1.330	0.98	0.760	80	240	0.900
FORD 6									
7739-12	Falcon EA-EL	XR6	1.82	1.420		0.916	110	275	1.150
4028-12	Capri	V6	1.54	1.255		0.920	95	205	0.930
4336-12*	Capri	V6	1.54	1.255	0.920	0.700	120	270	0.930
5825-12	Zephyr	MK11	1.65	1.330		0.960	60	180	0.950
Note: Ford 6 Spring Retainer may need machining to suit double spring									
FORD 8									
0515-16	239 S/V	V8	1.89	1.15		0.73	40	115	1.05
7737-16	390	V8	1.82	1.510		0.965	110	295	1.310
7738-16	460		1.82	1.475		0.960	110	280	1.180
GM 4									
5833-8*	Gemini	G161-G200Z	1.55	1.330	0.98	0.760	100	260	0.900
GM 6									
5088-12	Chev 6	235 Blue Flame	1.86	1.375		0.960	50	220	1.200
5092-12	Bedford	300	1.69	1.390		1.000	70	190	1.120

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Part Number	Model	Engine	I/H	Od	Int.	Id	Seat Press	.5 Lift	Solid Height
GM 6									
5088-12	Holden	138 Grey	1.79	1.375		0.960	75	250	1.200
4028-12	Holden	Blue/Black	1.62	1.255		0.920	95	200	0.930
4021-12	Holden	Ecotec	1.78	1.04TOP 1.24BOT		0.67TOP 0.87BOT			1.190
4719-12	Holden	Red	1.62	1.255		0.920	95	200	0.930
5840-12*	Commodore	RB30	1.57	1.330	0.98	0.720	85	255	0.860
5835-12	Commodore	RB30	1.57	1.325	0.97	0.710	110	250	0.950
7328-12*	Commodore	VN V6	1.70	1.430	1.08	0.810	140	285	0.960
4836-12	Commodore	VP V6	1.70	1.255		0.780	115	310	1.100
GM V8									
4931-16	Holden VN-VS		1.70	1.240	.086	0.780	80	230	1.100
4843-16	Holden VT	V8 roller	1.75	1.260	0.86	0.780	120	320	1.160
INTERNATIONAL									
7739-16	345	V8	1.82	1.420		0.916	110	275	1.150
ISUZU									
5828-4*	4JB1	Diesel	1.50	1.330		0.660	80	270	0.840
LEYLAND,BMC									
2834-8*	Mini		1.47	1.134	0.84	0.612	35	210	0.750
5840-8*	MGB		1.55	1.330	0.98	0.720	95	265	0.860
MAZDA									
4250-8*		TC	1.21	1.214	0.93	0.870	120	220 @.400	0.817
4250-8*	NA,MA	UC,VC	1.38	1.214	0.93	0.870	80	205	0.817
5080-8	single spring	B3/B6	1.41	1.283		0.930	75	165	0.930
4250-8*		B6	1.41	1.214	0.93	0.870	70	195	0.817
MITSUBISHI									
5080-8	Galant	4G63	1.46	1.283		0.930	60	180	0.930
5827-8	Cordia	4G62 Sirius	1.50	1.330		0.980	80	210	0.840
5840-8*[1]	Sigma	4G54	1.56	1.330	0.98	0.720	90	260	0.860
5825-8	Sigma	4G54	1.56	1.330		0.960	80	200	0.950
5840-8*[1]		4G63BT	1.66	1.330	0.98	0.720	75	225	0.860

Note 1: Mitsubishi 5840 Spring Retainer needs machining to suit double spring.

STANDARD REPLACEMENT VALVE SPRING APPLICATION

Part Number	Model	Engine	I/H	Od	Int.	Id	Seat Press	.5 Lift	Solid Height
NISSAN									
4038-8	Datsun	A12	1.52	1.197		0.840	80	250	0.920
4220-8*	Datsun	A12,A14,A15	1.55	1.210	0.93	0.700	80	180	0.820
5840*	Datsun	L Series	1.58	1.330	0.98	0.720	85	255	0.860
5840-8*	Datsun	CA20	1.55	1.330	0.98	0.720	95	255	0.860
4320-8	Pulsar	E15	1.58	1.255		0.920	100	190	0.930
NISSAN 6									
0612-12	300ZX	VG30DETT	1.45	1.07	0.81		65	130	0.82
5840-12*	Patrol	TB42,TB47T	1.58	1.330	0.98	0.720	95	265	0.860
5835-12	Patrol	TD42 Diesel	1.61	1.325	0.97	0.710	70	190	0.950
TOYOTA									
4038-8	Corolla	3K/4K	1.55	1.197		0.840	70	240	0.920
4220-8*	Corolla	3K/4K	1.55	1.210	0.93	0.700	80	180	0.820
4320-8	Hi Ace	2RZ 2400	1.59	1.255		0.920	95	195	0.930
4320-8	Celica	2T	1.46	1.255		0.920	115	210	0.930
4320-8	Corona	2S	1.54	1.255		0.920	100	195	0.930
4719-8		12R	1.55	1.255		0.920	100	200	0.930
5840-8*	Corona	18R	1.55	1.330	0.98	0.720	95	265	0.860
5827-8	Corona	18RG	1.5	1.330		0.720	80	210	0.840
5825-8	Corona	22R	1.58	1.330		0.960	75	195	0.950
4719-8	Corona	5R	1.55	1.255		0.920	100	200	0.930
5825-8		2RZ OHC	1.59	1.330		0.960	80	195	0.950
5827-8	Diesel	3L, 1HZ	1.46	1.330		0.980	85	225	0.840
4828-12	Landcruiser	2F	1.79	1.275		0.920	80	250	1.080
5840*	Diesel	3B	1.54	1.330	0.98	0.720	105	270	0.860

These part numbers and dimensions are listings of applications we have used. Due to variations in models, dimensions & pressures should be checked before fitting. In some cases we may have used shims to adjust installed height. **Springs marked * are double spring.**

VALVE SPRINGS

VALVE SPRINGS **PART NUMBER ORDER**

Part Number	O/D	ID of Outer	ID of Inner	Spring Type	RH or LH (Outer)	Free Length	Spring Rate (lb/in)	Solid Height
507	1.000"	0.760"		1	L	2.050"	75	0.750"
511	0.937"	0.697"		1	L	1.490"	123	0.740"
513	0.953"	0.697"		1	L	1.937"	132	0.930"
514	0.838"	0.612"		1	L	1.500"	145	0.710"
515	1.015"	0.725"		1	L	2.165"	155	1.060"
607	0.910"	0.684"		1	L	1.970"	80	0.780"
612	1.090"	0.810"		1	R	2.055"	120	0.880"
613	1.080"	0.796"		1	R	2.230"	130	1.000"
615	1.015"	0.740"		1	L	2.000"	135	0.870"
1025	1.370"	1.005"		1	L	2.200"	220	1.030"
1804	0.980" TOP 1.065" BOT	0.995" TOP 0.635" BOT		1 Conical	R	2.085"	280	1.020"
1808	0.970" TOP 1.060" BOT	0.645" TOP 0.727" BOT		1 Conical	R	2.035"	215	0.880"
1809	0.985" TOP 1.060" BOT	0.640" TOP 0.730" BOT		1 Conical	R	2.180"	200	0.900"
1832	0.945" TOP 1.101" BOT	0.580" TOP 0.735" BOT		1 Conical	R	1.795"	310	0.900"
2021	1.134"	0.838"		1	R	1.622"	210	0.750"
2834 [D]	1.134"	0.838"	0.612"	2	R	1.622"	400	0.750"
2836 [D]	1.134"	0.838"	0.612"	2	R	1.622"	380	0.770"
4021	1.045" TOP 1.245" BOT	0.670" TOP 0.870" BOT		1 Conical	R	1.970"	350	1.190"
4028	1.255"	0.920"		1	L	2.100"	190	0.930"
4038	1.197"	0.840"		1	R	1.830"	360	0.920"
4162	1.100"	0.765"		1	R	1.895"	260	0.980"
4163	1.165"	0.825"		1	R	1.980"	250	0.975"
4164	1.050"	0.735"		1	R	1.740"	265	0.840"
4177 [D]	1.113"	0.805"	0.636"	2	R	1.660"	230	0.730"
4220 [D]	1.210"	0.926"	0.700"	2	R	1.900"	200	0.820"
4231	1.060" TOP 1.290" BOT	0.650" TOP 0.875" BOT		1 Conical	R	2.200"	280	1.090"
4235	1.270"	0.885"	0.752"	1 + Damper	R	2.200"	390	1.080"
4250 [D]	1.214"	0.926"	0.870"	2	R	1.950"	250	0.817"
4320	1.255"	0.920"		1	L	2.100"	230	0.930"
4326 [D]	1.255"	0.920"	0.710"	2	L	2.100"	250	0.950"
4327 [D]	1.255"	0.920"	0.684"	2	L	2.100"	270	0.940"
4328 [D]	1.255"	0.920"	0.665"	2	L	2.100"	260	0.940"
4330 [D]	1.280"	0.926"	0.700"	2	R	1.960"	315	0.925"

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