

MELLING™

PERFORMANCE

VALVE SPRING GUIDE

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**NEW VALVE SPRING
NUMBERS INCLUDED**

***NEW EXPANDED LINE*
OF VALVE SPRING PRODUCTS!**





High Performance Valve Spring Parts Guide

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VALVE SPRING SHIMS

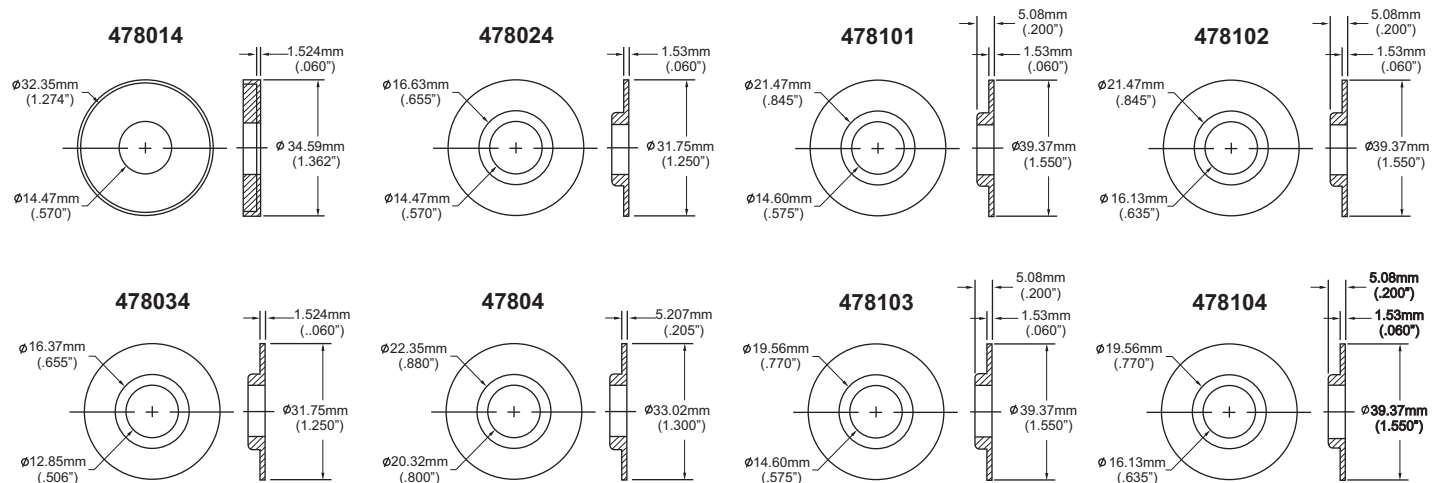
Shim Number	Outside Diameter		Inside Diameter		Thickness		Material	Raised Center	Universal or Specific Fit
	inch	mm	inch	mm	inch	mm			
471060HP	1.246	31.65	0.814	20.68	0.015	0.38	Steel	No	Universal
471052HP	1.247	31.67	0.518	13.16	0.015	0.38	Steel	No	Universal
471070HP	1.247	31.67	0.877	22.28	0.015	0.38	Steel	No	Universal
471135HP	1.438	36.53	0.645	16.34	0.015	0.38	Steel	No	Universal
471140HP	1.438	36.53	0.766	19.46	0.015	0.38	Steel	No	Universal
471150HP	1.476	37.49	0.705	17.91	0.015	0.38	Steel	No	Universal
471160HP	1.500	38.10	1.030	26.16	0.015	0.38	Steel	No	Universal
473060HP	1.246	31.65	0.814	20.68	0.030	0.76	Steel	No	Universal
473052HP	1.247	31.67	0.518	13.16	0.030	0.76	Steel	No	Universal
473070HP	1.247	31.67	0.877	22.28	0.030	0.76	Steel	No	Universal
473135HP	1.438	36.53	0.645	16.38	0.030	0.76	Steel	No	Universal
473140HP	1.438	36.53	0.766	19.46	0.030	0.76	Steel	No	Universal
473150HP	1.476	37.49	0.705	17.91	0.030	0.76	Steel	No	Universal
473160HP	1.500	38.10	1.030	26.16	0.030	0.76	Steel	No	Universal
476060HP	1.246	31.65	0.814	20.68	0.060	1.52	Steel	No	Universal
476052HP	1.247	31.67	0.518	13.16	0.060	1.52	Steel	No	Universal
476070HP	1.247	31.67	0.877	22.28	0.060	1.52	Steel	No	Universal
476135HP	1.438	36.53	0.645	16.38	0.060	1.52	Steel	No	Universal
476140HP	1.438	36.53	0.766	19.46	0.060	1.52	Steel	No	Universal
476150HP	1.476	37.49	0.705	17.90	0.060	1.52	Steel	No	Universal
476160HP	1.500	38.10	1.030	26.16	0.060	1.52	Steel	No	Universal

Qty per box: 16 pieces - minimum order qty: 16 pieces • Sold by dimension

GM LS VALVE SPRING CUPS AND LOCATORS

Seat Number	Outside Diameter		Inside Diameter		Thickness	Material	Universal or Specific Fit
	inch	mm	inch	mm			
478014*^	1.360/1.270		0.570		0.650	Steel	Sold by Size
478024*	1.250		0.655		0.600	Steel	Sold by Size
478034*	1.250		0.505		0.600	Steel	Sold by Size
47804-16**	1.300		0.803		0.300	Chrome-Moly Steel	Specific (HEMI)
478101*	1.550		0.575		0.060	Chrome-Moly Steel	Sold by Size
478101-16**	1.550		0.575		0.060	Chrome-Moly Steel	Sold by Size
478102*	1.550		0.635		0.060	Chrome-Moly Steel	Sold by Size
478102-16**	1.550		0.635		0.060	Chrome-Moly Steel	Sold by Size
478103*	1.550		0.575		0.060	Chrome-Moly Steel	Sold by Size
478103-16**	1.550		0.575		0.060	Chrome-Moly Steel	Sold by Size
478104*	1.550		0.635		0.060	Chrome-Moly Steel	Sold by Size
478104-16**	1.550		0.635		0.060	Chrome-Moly Steel	Sold by Size

*Qty per box: 4 pieces - minimum order qty: 4 pieces **Qty per box: 16 pieces - minimum order qty: 16 pieces ^Spring Cup



VALVE SPRING RETAINERS

Retainer Number	Outside Diameter	Inside Diameter	Valve Stem Size	Thickness	Material	Valve Lock	Fitment
	inch	inch	inch	inch			
475054*	1.375	0.675	0.343	0.465	Chrome Moly Steel	7°	Ford, GM
475064*	1.375	0.675	0.375	0.550	Chrome Moly Steel	7°	Ford, GM
475074*	1.375	0.805	0.343	0.465	Chrome Moly Steel	7°	Ford, GM
475084*	1.370	0.805	0.375	0.465	Chrome Moly Steel	7°	Ford
475094*	1.495	0.635	0.375	0.505	Chrome Moly Steel	7°	Chrysler
475114*	1.495	0.665	0.343	0.505	Chrome Moly Steel	7°	AMC, Ford
475144*	1.030	0.590	0.375	0.520	Chrome Moly Steel	7°	AMC, Chrysler
475184*	1.190	0.390	0.343	0.520	Chrome Moly Steel	7°	GM
475224*	1.350	0.550	0.375	0.400	Chrome Moly Steel	7°	Chrysler
475234*	1.039	0.606	0.315	0.345	Chrome Moly Steel	7°	GM LS
475244*	1.155/0.950	0.610	0.315	0.330	Chrome Moly Steel	7°	GM LS Dual + .050
475264*	1.030	0.640	0.315	0.325	Chrome Moly Steel	7°	GM LS Beehive
475274*	1.236/0.864	0.610	0.315	0.326	Chrome Moly Steel	7°	GM LS Dual
475284*	1.030	0.400	0.315	0.342	Titanium	7°	GM LS Beehive
475294*	1.235	0.390	0.315	0.333	Titanium	7°	GM LS Dual
475304*	1.240	0.409	0.343	0.405	Chrome Moly Steel	7°	GM
475404*	0.642	0.404	N/A	0.360	Chrome Moly Steel	7°	Sold By Size
47525-16**	1.000	0.375	0.312	0.350	Chrome Moly Steel	7°	Gen 3 HEMI Beehive

*Qty per box: 4 pieces - minimum order qty: 4 pieces **Qty per box: 16 pieces - minimum order qty: 16 pieces

GM LS VALVE STEM SEALS

Seat Number	Description	Material	Seal Type	Rim Shape
440014	GM LS OE style valve seal; Intake	Steel/Nitrile Rubber	Premium	Round
440024	GM LS OE Style valve seal; Exhaust	Steel/Nitrile Rubber	Premium	Round
440034	GM LS OE Style valve seal, use with a dual spring. Intake & Exhaust	Steel/Nitrile Rubber	Premium	Round

Qty per box: 4 pieces - minimum order qty: 4 pieces • Sold by dimension

VALVE STEM SEAL KIT

Seat Number	Description	Material	Seal Type	Rim Shape
440014-16	OE style valve seal; Intake and Exhaust	Steel/Nitrile Rubber	Premium	Round

Qty per box: 16 pieces - minimum order qty: 16 pieces • Sold by dimension

VALVE SPRINGS • LISTED BY ASCENDING OUTSIDE DIAMETER

Spring #	Spring Type	Sold By	Spring Rate	Spring O.D.	Spring I.D.	Installed Load/Height		Open Load/Height		Coil Bind
			RPM	inch	inch	lbs.	inch	lbs.	inch	inch
466664	Beehive	Application	236	0.953	0.544	90 @ 1.437	196 @ 0.987	0.944		
466704	Single	Application	335	0.994	0.660	84 @ 1.880	228 @ 1.450	1.377		
466124	Single	Application	113	1.060	0.804	38.2 @ 1.525	92 @ 1.050	0.820		
46113	Beehive	Specifications	191	1.061	0.636	80 @ 1.640	185 @ 1.090	1.020		
466554	Ovate Beehive	Application	295	1.061	0.636	100 @ 1.640	265 @ 1.080	1.023		
466604	Dual	Specifications	263	1.062	0.787	105 @ 1.625	230 @ 1.150	0.847		
466274	Single	Application	133	1.084	0.800	72 @ 1.687	152 @ 1.087	1.000		
466164	Single	Application	151	1.141	0.787	72.5 @ 1.624	148 @ 1.125	1.102		
466544	Beehive	Application	382	1.199	0.825	130 @ 1.800	348 @ 1.230	1.141		
466534	Single	Application	353	1.200	0.630	105 @ 1.890	342 @ 1.220	1.180		
466584	Beehive	Application	380	1.219	0.695	100 @ 2.360	310 @ 1.660	1.574		
466354	Single W/Damper	Application	282	1.220	0.866	94 @ 1.800	235 @ 1.300	1.141		
46981	Beehive	Specifications	347	1.237	0.650	113 @ 1.700	298 @ 1.175	1.115		
466624	Conical	Specifications	352	1.237	0.650	110 @ 1.700	292 @ 1.175	1.102		
466574	Beehive	Application	300	1.245	0.695	80 @ 2.362	346 @ 1.662	1.614		
466204	Single W/Damper	Application	357	1.253	0.876	116 @ 1.700	319 @ 1.210	1.160		
466694	Single	Application	247	1.254	0.940	94 @ 1.340	178 @ 1.000	0.826		
466714	Single	Application	145	1.254	0.940	70 @ 1.900	128 @ 1.500	1.195		

*New 2026 Valve Spring Qty per bag: 1 piece - minimum order qty: 1 piece

VALVE SPRINGS • LISTED BY ASCENDING OUTSIDE DIAMETER (Continued)

Spring #	Spring Type	Sold By	Spring Rate	Spring O.D.	Spring I.D.	Installed Load/Height		Open Load/Height		Coil Bind
			RPM	inch	inch	lbs.	inch	lbs.	inch	inch
466454	Single	Specifications	339	1.259	0.885	130 @	1.720	315 @	1.174	1.113
466364	Single W/Damper	Application	397	1.260	0.866	112 @	1.800	350 @	1.200	1.141
466954	Single W/Damper	Application	434	1.263	0.880	150 @	1.750	367 @	1.250	1.100
466524	Beehive	Application	325	1.264	0.655	130 @	1.800	325 @	1.200	1.141
466864	Single W/Damper	Specifications	417	1.270	0.769	130 @	1.800	380 @	1.200	1.135
466564	Dual	Application	454	1.276	0.678	147 @	1.800	406 @	1.230	1.102
466914	Tapered	Specifications	267	1.284	0.660	105 @	1.800	265 @	1.200	1.130
461218	Beehive	Specifications	300	1.292	0.650	135 @	1.800	330 @	1.150	1.110
466734	Dual	Specifications	377	1.299	0.669	125 @	1.811	370 @	1.141	1.102
46915	Beehive	Specifications	318	1.300	0.650	105 @	1.811	296 @	1.200	1.102
466594	Dual	Application	409	1.304	0.670	151 @	1.800	417 @	1.150	1.062
46697	Dual	Specifications	N/A	1.305	0.670	151 @	1.800	417 @	1.150	1.070
461219	Beehive	Application	341	1.307	0.650	135 @	1.800	348 @	1.175	1.102
466944	Beehive	Application	341	1.307	0.650	145 @	1.800	358 @	1.175	1.125
461208	Dual	Application	460	1.324	0.708	160 @	1.800	482 @	1.100	1.062
46910	Single W/Damper	Specifications	430	1.338	0.944	97 @	1.850	312 @	1.338	1.280
466134	Single	Application	150	1.384	1.060	66.8 @	1.625	138 @	1.150	0.950
466744	Dual	Application	263	1.384	0.804	105 @	1.625	230 @	1.150	0.826
46977	Dual	Specifications	448	1.385	0.711	161 @	1.850	430 @	1.250	1.195
466654	Dual	Specifications	448	1.385	0.711	161 @	1.850	430 @	1.250	1.181
46988	Dual	Specifications	230	1.388	0.802	117 @	1.600	232 @	1.100	1.000
466444	Single W/Damper	Application	206	1.417	1.062	106 @	1.750	209 @	1.250	1.062
466434	Single W/Damper	Application	356	1.417	1.023	112 @	1.687	290 @	1.187	1.062
466484	Single	Specifications	346	1.417	1.023	130 @	1.780	310 @	1.260	1.141
466474	Beehive	Specifications	339	1.426	0.665	160 @	1.900	400 @	1.250	1.181
46942	Single W/Damper	Specifications	358	1.437	1.023	110 @	1.692	289 @	1.200	1.060
466294	Single W/Damper	Application	336	1.440	0.697	134 @	1.750	302 @	1.250	1.086
466724	Dual	Application	332	1.440	0.800	169 @	1.750	335 @	1.250	1.102
466814	Dual	Specifications	328	1.440	0.810	129 @	1.750	293 @	1.250	1.086
466114	Single	Application	200	1.440	1.080	105 @	1.750	205 @	1.250	1.102
46696	Dual W/Damper	Specifications	316	1.440	0.750	142 @	1.750	300 @	1.250	1.100
46950	Dual	Specifications	363	1.450	0.790	140 @	1.900	358 @	1.300	1.120
466614	Dual	Specifications	363	1.456	0.787	140 @	1.900	358 @	1.300	1.120
466634	Single W/Damper	Specifications	N/A	1.456	1.023	109 @	1.800	317 @	1.300	1.141
466174	Single W/Damper	Application	332	1.456	1.062	112 @	1.800	278 @	1.300	1.141
46940	Single W/Damper	Specifications	253	1.456	1.080	100 @	1.900	252 @	1.300	1.120
466774	Single W/Damper	Specifications	313	1.460	1.015	106 @	1.850	294 @	1.250	1.141
466784	Dual W/Damper	Specifications	440	1.460	0.702	135 @	1.850	399 @	1.250	1.150
46978	Dual W/Damper	Specifications	403	1.460	0.695	126 @	1.850	368 @	1.250	1.150
466644	Single W/Damper	Specifications	253	1.463	1.080	100 @	1.900	252 @	1.300	1.102
46972	Single W/Damper	Specifications	320	1.464	1.064	129 @	1.800	305 @	1.250	1.135
466884	Dual	Specifications	391	1.472	0.802	102 @	1.870	376 @	1.170	1.069
46926	Single W/Damper	Specifications	416	1.475	1.137	109 @	1.800	317 @	1.300	1.140
46901	Single W/Damper	Specifications	380	1.496	1.080	106 @	1.653	258 @	1.250	1.100
466904	Dual W/Damper	Specifications	428	1.510	0.731	192 @	1.850	449 @	1.250	1.100
466834	Dual	Specifications	483	1.510	0.804	180 @	1.850	470 @	1.250	1.070
466464	Single	Specifications	290	1.535	1.141	130 @	1.900	315 @	1.261	1.181
466224	Single W/Damper	Application	317	1.535	1.260	134 @	1.935	312 @	1.375	1.181
466154	Single	Application	217	1.535	1.141	131 @	1.750	240 @	1.250	1.220
466804	Single W/Damper	Specifications	352	1.539	1.045	133 @	1.900	309 @	1.400	1.170
46938	Dual W/Damper	Specifications	480	1.539	0.731	204 @	1.900	516 @	1.250	1.200
46939	Dual W/Damper	Specifications	467	1.539	0.697	145 @	1.950	425 @	1.338	1.200
461901	Dual W/Damper	Application	491	1.540	0.760	145 @	1.900	465 @	1.250	1.190
466844	Dual W/Damper	Specifications	535	1.541	0.725	195 @	1.950	580 @	1.230	1.190
461918	Dual W/Damper	Specifications	491	1.544	0.748	175 @	1.811	482 @	1.181	1.062
466754	Dual	Specifications	370	1.550	0.795	190 @	1.750	375 @	1.250	1.220
466764	Single W/Damper	Specifications	260	1.550	1.180	135 @	1.750	265 @	1.250	1.220
466934	Dual	Application	390	1.550	0.697	160 @	1.750	355 @	1.250	1.225
466854	Dual	Specifications	525	1.550	0.812	190 @	1.900	505 @	1.300	1.100
466794	Dual W/Damper	Specifications	473	1.553	1.125	130 @	1.930	287 @	1.370	1.150
466824	Dual W/Damper	Specifications	453	1.557	0.749	237 @	2.000	668 @	1.250	1.160
466894	Dual	Specifications	575	1.622	0.768	150 @	2.000	435 @	1.250	1.102
466874	Dual W/Damper	Specifications	540	1.622	0.768	214 @	2.000	619 @	1.250	1.120

*New 2026 Valve Spring Qty per bag: 1 piece - minimum order qty: 1 piece

VALVE & VALVE SPRING KITS

Kit Number	Int. Valve / Qty	Exh. Valve / Qty	Spring / Qty	Retainer / Qty	Lock / Qty	Valve Seal / Qty
MVK101	456231 (8)	456233 (8)	466594 (16)	475274 (16)	VL-760 (32)	440034 (16)
MVK102	456234 (8)	456233 (8)	466594 (16)	475274 (16)	VL-760 (32)	440034 (16)
MVK104	456230 (8)	456233 (8)	466594 (16)	475274 (16)	VL-760 (32)	440034 (16)
MVK105	456279 (8)	456233 (8)	466594 (16)	475274 (16)	VL-760 (32)	440034 (16)



Spring Number	Closed Load & Height		Open Load & Height		Solid Height	Max Lift	Spring Rate
	lbs.	Inch	lbs.	Inch			
466594	151 @	1.800	417 @	1.150	1.080	0.650	409 Lbs

Valve Number	Valve Type	Head Dia.	Stem Dia.	Length	Seat Angle
		Inch	Inch	inch	
456231	Intake	2.022	0.313	4.900	45.15°
456234	Intake	2.057	0.313	4.900	45.15°
456230	Intake	2.000	0.313	4.900	45°
456279	Intake	2.165	0.313	4.900	45°
456233	Exhaust	1.602	0.313	4.915	45.15°

VALVE SPRINGS • CATALOGED BY APPLICATION

AMC V8 (290-401) CHRYSLER V8 (273-440)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	inch
466434	Both	1.435	1.035	112 @	1.687	290 @	1.187	1.025

For use with Hydraulic lifters • Use with camshafts: 23203, MTD-1 & MTD-2

Valve spring with damper

CHRYSLER V8 (360-440) FORD V8 (351M-400) GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	inch
466154	Outer	1.550	1.125	131 @	1.750	240 @	1.250	1.225
466164	Inner	1.138	0.795	72 @	1.625	148 @	1.125	1.110

For use with mechanical lifters

Single spring

CHRYSLER V8 (360-440)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	inch
466224	Both	1.540	1.130	134 @	1.937	312 @	1.375	1.200

For use with Hydraulic lifters • Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

CHRYSLER/DODGE/JEEP 8 Cyl. HEMI

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	inch
466544	Both	1.199	0.825	130 @	1.800	348 @	1.230	1.141

For use with Hydraulic lifters • Use with camshafts: 23107, 23108, 23207 & 23208

Beehive

DODGE/RAM 6 Cyl. 5.9L 24V Cummins Diesel

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466694	Both	1.254	0.940	94 @ 1.340		178 @ 1.000		0.823

For use with mechanical lifters

Single spring

FORD/LINCOLN 6 Cyl. (3.5L) EcoBoost

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466664	Both	0.953/0.827	0.670/0.544	90 @ 1.437		196 @ 0.987		0.930

For use with mechanical lifters

Beehive

FORD V8 (260-302 CID)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466134#	Outer	1.384	1.060	66.8 @ 1.625		138 @ 1.150		0.950
466124#	Inner	1.060	0.084	38.2 @ 1.525		92 @ 1.050		0.820
466744**	Both	1.384	0.084	105 @ 1.625		230 @ 1.150		0.820

For use with hydraulic lifters • Use with camshafts: 24203, 24210, 24212, 24301, 25211, 25309 & 25310

Single Spring **Dual spring includes 466124 and 466134

FORD V8 (260-302)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466444	Both	1.437	1.075	106 @ 1.750		205 @ 1.250		1.062

For use with Hydraulic lifters • Use with camshafts: 24203, 24210, 24212 & 24301

Valve spring with damper

FORD V8 (260-302)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466484	Both	1.420	1.020	130 @ 1.780		310 @ 1.260		1.153

For use with Hydraulic Roller/ Retro-Fit Roller Lifters • Use with camshafts: 24110, 24214, 24226, 24227, 24280 & 24305

Single Spring

FORD V8 (351M-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466224	Both	1.540	1.130	134 @ 1.937		312 @ 1.375		1.200

For use with Hydraulic lifters • Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

FORD V8 (351W)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466174	Both	1.475	1.061	112 @ 1.800		278 @ 1.300		1.125

For use with hydraulic lifters • Use with camshafts: MTF-5, 24108, 24211, 24225 & 24305

Valve spring with damper

FORD Modular V8 (4.6L, 5.4L, 6.8L)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466554	Both	1.061/0.999	0.698/0.636	100 @ 1.640		265 @ 1.080		1.040

(Up to 0.600 lift) Will work with stock retainer and seat • No machining required

Ovate Beehive Spring

FORD/INTERNATIONAL V8 (6.0, 6.4L) Powerstroke

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466664	Both	0.953/0.827	0.670/0.544	90 @ 1.437		196 @ 0.987		0.930

For use with hydraulic roller Lifters

Single spring

FORD (7.3-N "Godzilla")

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466574	Intake	1.245/1.095	0.845/0.695	80 @ 2.362		346 @ 1.662		1.606
466584	Exhaust	1.219/1.069	0.845/0.695	100 @ 2.362		310 @ 1.662		1.585

Beehive Spring

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466204	Both	1.260	0.876	110 @ 1.700		285 @ 1.210		1.160

For use with Hydraulic lifters • Use with camshafts: 22303, 22305 & 22401

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466114#	Outer	1.440	1.080	105 @ 1.750		205 @ 1.1.250		1.086
466274#	Inner	1.084	0.800	72 @ 1.687		152 @ 1.087		1.000
466724**	Both	1.440	0.800	169 @ 1.750		335 @ 1.250		1.086

For use with mechanical lifters • Use with camshafts: 22400, 22410 & 22450

#Single Spring ** Dual Spring

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466354	Both	1.215	0.860	94 @ 1.800		235 @ 1.300		1.125

For use with Hydraulic lifters • Use with camshafts: 22110, 22115, 22200, 22203, 22210, 22213, 22301, 22320

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466364	Both	1.260	0.876	112 @ 1.800		350 @ 1.200		1.160

For use with Mechanical lifters • Use with camshafts: 22400, 22410 & 22450

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466454	Both	1.259	0.885	130 @ 1.720		315 @ 1.174		1.113

For use with Hydraulic Roller/ Retro-Fit Roller Lifters • Use with camshafts: 22129, 22131, 22135, 22136, 22221, 22237, 22238, 22280, 22298 & 22398

Single spring

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466954	Both	1.263	0.790	150 @ 1.750		367 @ 1.250		1.100

Valve spring with damper

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466224	Both	1.540	1.130	134 @ 1.937		312 @ 1.375		1.200

For use with Hydraulic lifters • Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466464	Both	1.525	1.125	130 @ 1.900		315 @ 1.261		1.186

For use with Hydraulic Roller/ Retro-Fit Roller Lifters • Use with camshafts: 22141, 22223, 22236 & 22472

Single Spring

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466474	Both	1.426	1.016	160 @ 1.900		400 @ 1.250		1.193

For use with Hydraulic Roller/ Retro-Fit Roller Lifters • Use with camshafts: 22141, 22223, 22236 & 22472

Beehive Spring

GM LS GEN III/III

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
461208**	Both	1.324	0.700	160 @ 1.800		482 @ 1.100		1.045
466524**	Both	1.264/1.029	0.890/0.665	130 @ 1.800		325 @ 1.200		1.146
466564**	Both	1.268	0.890	147 @ 1.800		406 @ 1.230		1.100
466594**	Both	1.304	0.670	151 @ 1.800		417 @ 1.150		1.080

Use with camshafts: MTC-7, MTC-8, 22205, 22307, 22308, 22411, 22412, 22413 & 22500

** Dual Spring *Beehive Spring

(466524 - Up to 6.000 lift • 466594 Up - to 0.650 lift)

GM LS GEN III/III

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
461219	Both	1.307/1.072	0.885/0.650	135 @ 1.800		348 @ 1.175		1.125

Beehive Spring

GM LS GEN III/III

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466944	Both	1.307/1.072	0.885/0.650	145 @ 1.800		358 @ 1.175		1.100

Beehive Spring

GM V8 6.6L Turbo-Diesel Duramax

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466714	Both	1.254	0.940	70 @ 1.900		128 @ 1.500		1.195

Single spring

OLDSMOBILE V8 (260-455)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height		Open Load & Height		Coil Bind
		inch	inch	lbs.	inch	lbs.	inch	
466134#	Outer	1.384	1.060	66.8 @ 1.625		138 @ 1.150		0.950
466124#	Inner	1.060	0.084	38.2 @ 1.525		92 @ 1.050		0.820
466744**	Both	1.384	0.084	105 @ 1.625		230 @ 1.150		0.820

For use with hydraulic lifters • Use with camshafts: 24203, 24210, 24212, 24301, 25211, 25309 & 25310

Single Spring **Dual spring includes 466124 and 466134

GM LS CAMSHAFT COMPONENT KITS - DUAL VALVE SPRING W/ CHROME-MOLY RETAINERS

Kit Number	Camshaft / Max Lift	Spring /Qty	Retainer /Qty	Lock /Qty	Valve Seal /Qty	Push Rod (Qty)	Thrust Plate (Qty)
CK-22307D	22307 0.524	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22411D	22411 0.525	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22413D	22413 0.551	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22206D	22206 0.553	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22323D	22323 0.553	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22324D	22324 0.553	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22309D	22309 0.560	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22310D	22310 0.575	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22205D	22205 0.585	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22500D	22500 0.595	466564 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22207D	22207 0.604	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22325D	22325 0.604	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22326D	22326 0.604	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22412D	22412 0.612	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22327D	22327 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22422D	22422 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22423D	22423 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22424D	22424 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22328D	22328 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22425D	22425 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22501D	22501 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22502D	22502 0.625	466594 (16)	475274 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)

Qty per box: 1 Kit - Contains components listed above

(Data displayed by ascending max lift - Visit melling.com for camshaft specifications)

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GM LS CAMSHAFT COMPONENT KITS - DUAL VALVE SPRING W/ TITANIUM RETAINERS

Kit Number	Camshaft / Max Lift	Spring /Qty	Retainer /Qty	Lock /Qty	Valve Seal /Qty	Push Rod (Qty)	Thrust Plate (Qty)
CK-22307DT	22307 0.524	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22411DT	22411 0.525	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22413DT	22413 0.551	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22206DT	22206 0.553	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22323DT	22323 0.553	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22324DT	22324 0.553	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22309DT	22309 0.560	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22310DT	22310 0.575	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22205DT	22205 0.585	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22500DT	22500 0.595	466564 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22207DT	22207 0.604	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22325DT	22325 0.604	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22326DT	22326 0.604	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22412DT	22412 0.612	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22327DT	22327 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22422DT	22422 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22423DT	22423 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22424DT	22424 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22328DT	22328 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22425DT	22425 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22501DT	22501 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22502DT	22502 0.625	466594 (16)	475294 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)

Qty per box: 1 Kit - Contains components listed above

(Data displayed by ascending max lift - Visit melling.com for camshaft specifications)

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GM LS CAMSHAFT COMPONENT KITS - BEEHIVE VALVE SPRING W/ CHROME-MOLY RETAINERS

Kit Number	Camshaft / Max Lift	Spring /Qty	Retainer /Qty	Lock /Qty	Valve Seal /Qty	Push Rod (Qty)	Thrust Plate (Qty)
CK-22307B	22307 0.524	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22411B	22411 0.525	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22413B	22413 0.551	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22206B	22206 0.553	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22323B	22323 0.553	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22324B	22324 0.553	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22309B	22309 0.560	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22310B	22310 0.575	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22205B	22205 0.585	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22500B	22500 0.595	466524 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22207B	22207 0.604	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22325B	22325 0.604	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22326B	22326 0.604	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22412B	22412 0.612	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22327B	22327 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22422B	22422 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22423B	22423 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22424B	22424 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22328B	22328 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22425B	22425 0.625	461219 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22501B	22501 0.625	466944 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22502B	22502 0.625	466944 (16)	475264 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)

Qty per box: 1 Kit - Contains components listed above

(Data displayed by ascending max lift - Visit melling.com for camshaft specifications)

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GM LS CAMSHAFT COMPONENT KITS - BEEHIVE VALVE SPRING W/ TITANIUM RETAINERS

Kit Number	Camshaft / Max Lift	Spring /Qty	Retainer /Qty	Lock /Qty	Valve Seal /Qty	Push Rod (Qty)	Thrust Plate (Qty)
CK-22307BT	22307 0.524	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22411BT	22411 0.525	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22413BT	22413 0.551	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22206BT	22206 0.553	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22323BT	22323 0.553	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22324BT	22324 0.553	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22309BT	22309 0.560	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22310BT	22310 0.575	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22205BT	22205 0.585	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22500BT	22500 0.595	466524 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22207BT	22207 0.604	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22325BT	22325 0.604	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22326BT	22326 0.604	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22412BT	22412 0.612	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22327BT	22327 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22422BT	22422 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22423BT	22423 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22424BT	22424 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22328BT	22328 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22425BT	22425 0.625	461219 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22501BT	22501 0.625	466944 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)
CK-22502BT	22502 0.625	466944 (16)	475284 (16)	VL-760 (16 pair)	440034 (16)	500704 (16)	MF127 (1)

Qty per box: 1 Kit - Contains components listed above

(Data displayed by ascending max lift - Visit melling.com for camshaft specifications)

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VALVE SPRING KITS

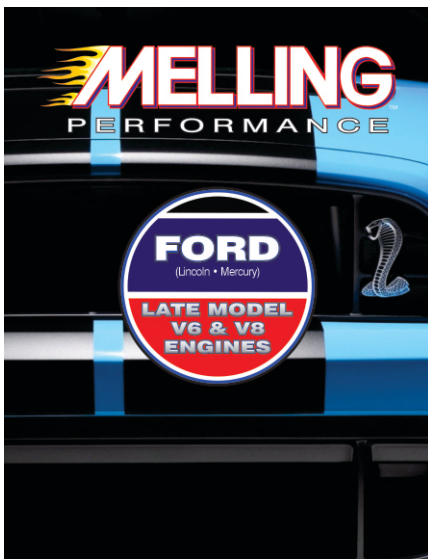
Kit Number	Spring / Qty	Retainer / Qty	Lock / Qty	Spring Seat / Qty	Valve Seal/Qty	
VSK461208	461208 / 16	475274 / 16	VL-760 / 16 Pair		440034 / 16	
VSK461208T	461208 / 16	475294 / 16	VL-760 / 16 Pair		440034 / 16	
VSK461218-G4	461218 / 16	47525 / 16	VL-760 / 16 Pair	47804 / 16	44004 / 16	
VSK461219	461219 / 16	475264 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK461219-G4	461219 / 16	47525 / 16	VL-1083 / 16 Pair	47804 / 16	44004 / 16	
VSK461219T	461219 / 16	475284 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK46620	466204 / 16	475184 / 16	VL-200 / 16 Pair			
VSK46635	466354 / 16	475184 / 16	VL-200 / 16 Pair			
VSK46636	466364 / 16	475184 / 16	VL-200 / 16 Pair			
VSK46645	466454 / 16	475184 / 16	VL-200 / 16 Pair			
VSK46652	466524 / 16	475264 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK46652T	466524 / 16	475284 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK46656	466564 / 16	475274 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46656T	466564 / 16	475294 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46659	466594 / 16	475274 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46659T	466594 / 16	475294 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46672	466724 / 16	475074 / 16	VL-760 / 16 Pair			
VSK46673	466734 / 16	475274 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46673T	466734 / 16	475294 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46686	466864 / 16	475184 / 16	VL-200 / 16 Pair			
VSK46694	466944 / 16	475264 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK46694T	466944 / 16	475284 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK46694-G4	466944 / 16	47525 / 16	VL-1083 / 16 Pair	47804 / 16	44004 / 16	
VSK46695	466954 / 16	475304 / 16	VL-760 / 16 Pair			
VSK46697	46697 / 16	475274 / 16	VL-760 / 16 Pair		440034 / 16	
VSK46697T	46697 / 16	475294 / 16	VL-760 / 16 Pair		440034 / 16	
VSK2257	VS-2257 / 16	475264 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
VSK2257T	VS-2257 / 16	475284 / 16	VL-760 / 16 Pair		440014 / 8 (Intake)	440024 / 8 (Exhaust)
2257-16	VS-2257 / 16	N/A	N/A		N/A	N/A
46113-16	46113 / 16	N/A	N/A		N/A	N/A
46620-16	466204 / 16	N/A	N/A		N/A	N/A
46635-16	46635 / 16	N/A	N/A		N/A	N/A
46636-16	466364 / 16	N/A	N/A		N/A	N/A
46645-16	466454 / 16	N/A	N/A		N/A	N/A
46647-16	466474 / 16	N/A	N/A		N/A	N/A
46652-16	466524 / 16	N/A	N/A		N/A	N/A
46654-16	466544 / 16	N/A	N/A		N/A	N/A
46656-16	466564 / 16	N/A	N/A		N/A	N/A
46657-16	466574 / 16	N/A	N/A		N/A	N/A
46659-16	466594 / 16	N/A	N/A		N/A	N/A
46673-16	466734 / 16	N/A	N/A		N/A	N/A
46686-16	46686 / 16	N/A	N/A		N/A	N/A
46694-16	466944 / 16	N/A	N/A		N/A	N/A
46695-16	466954 / 16	N/A	N/A		N/A	N/A
46696-16	46696 / 16	N/A	N/A		N/A	N/A
46697-16	46697 / 16	N/A	N/A		N/A	N/A
46901-16	46901 / 16	N/A	N/A		N/A	N/A
46910-16	46910 / 16	N/A	N/A		N/A	N/A
46915-16	46915 / 16	N/A	N/A		N/A	N/A
46926-16	46926 / 16	N/A	N/A		N/A	N/A
46938-16	46938 / 16	N/A	N/A		N/A	N/A
46939-16	46939 / 16	N/A	N/A		N/A	N/A
46940-16	46940 / 16	N/A	N/A		N/A	N/A
46942-16	46942 / 16	N/A	N/A		N/A	N/A
46950-16	46950 / 16	N/A	N/A		N/A	N/A
46972-16	46972 / 16	N/A	N/A		N/A	N/A
46977-16	46977 / 16	N/A	N/A		N/A	N/A
46978-16	46978 / 16	N/A	N/A		N/A	N/A
46981-16	46981 / 16	N/A	N/A		N/A	N/A
46988-16	46988 / 16	N/A	N/A		N/A	N/A
461208-16	461208 / 16	N/A	N/A		N/A	N/A
461219-16	461219 / 16	N/A	N/A		N/A	N/A
461901-16	461901 / 16	N/A	N/A		N/A	N/A

Qty per box: 1 Kit - Contains components listed above "T" Suffix denotes Titanium Valve Spring Retainers

Melling Performance valve spring will exceed your requirements. Standard, mid-range, heavy-duty and race ready applications are available from Melling Performance in a variety of wire sizes, materials, and spring pressures. Performance valve locks, seals, and retainers included are designed to increase performance and durability.

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- Don't forget to check out the Melling tech video library covering a wide range of topics including detailed installation instructions.



Over the past 30 years Melling Performance Springs has proudly established ourselves as a leading innovator in the field of high performance spring technology and spring manufacturing, with a global reputation for excellence, quality, and reliability.



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