



SURE SEAT VALVE SPRINGS

Performer RPM and Torker-Plus

Part #5700 Series

INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday.

IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void your warranty and may result in poor performance and engine or vehicle damage.

DESCRIPTION: Edelbrock Sure-Seat valve springs are made of high quality wire and are wound to close specifications for use with our Performer RPM and Torker-Plus camshafts. These quality controlled springs are part of Edelbrock's concept of a dyno-tested parts combination. In most cases Sure Seat valve springs have inner dampeners, although some are true dual springs (#5757, #5762, etc.). Edelbrock springs are carefully inspected for potential flaws and can be depended on for performance and durability.

CAUTION: For successful installation, use only the springs and parts recommended by Edelbrock for each camshaft application. These springs are designed to be used for high-performance applications and must be used with high performance valve train components (screw-in studs, high performance rockers, retainers, etc.). If you have any questions, do not hesitate to call our **Technical Hotline at: 1-800-416-8628**.

VALVE SPRING REMOVAL & REPLACEMENT: Due to the many years and models involved, it would be impossible to cover all applications. For ease of installation and correct installation, we suggest you refer to a service manual for your year and model vehicle or Motors, Chilton, or Mitchell service manuals for tools and procedures to follow.

CAUTION: The following instructions must be read and dimensions checked. These dimensions are critical and can cause parts wear and possible breakage if not correct. Check your instruction sheet for correct spring part number and recommended installed spring height.

VALVE SPRING INSTALLED HEIGHT: Installed height is the dimension between the valve spring retainer and cylinder head valve spring pad. See Figure 1 Dimension "A". In some cases, spring shims may be needed for correct spring setting.

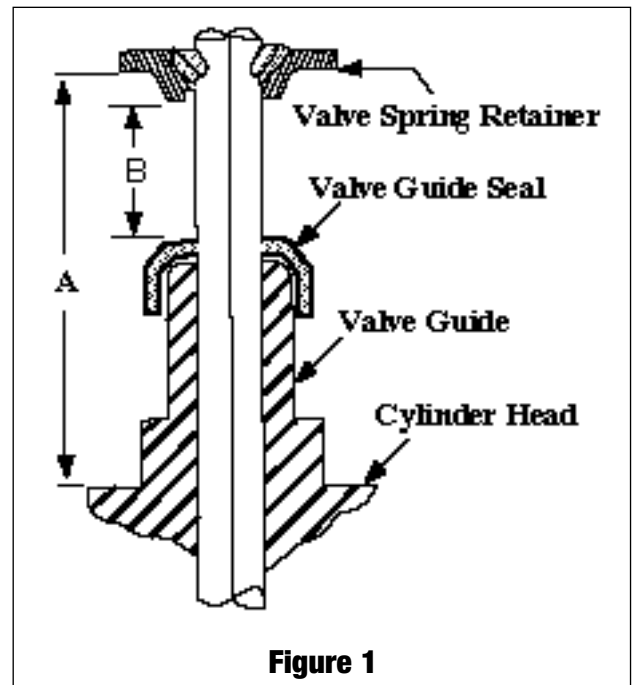
NOTE: Remember Dimension "A" is valve spring length only. Include shims if used. Never shim springs to a lesser dimension than recommended. Shimming to a lesser dimension will cause coil bind or parts damage.

VALVE SEAL INSTALLATION: Improper installation of incorrect or special aftermarket valve guide seals, without sufficient clearance between spring retainer and valve guide seal, can cause camshaft and lifter wear and even parts breakage. See Figure 1, Dimension "B". Check Edelbrock camshaft specifications for maximum valve lift.

NOTE: Dimension "B" should be a minimum of valve lift plus .050".

CAUTION: Failure to install springs and seals correctly may void warranty. Edelbrock Sure Seat valve springs are supplied to cover engines using the same valve spring for both intake and exhaust as one set.

NOTE: Check your vehicle and application sheet for correct spring selection.



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EDELbrock #5700 SERIES SURE SEAT VALVE SPRING PART NUMBERS & SETTINGS

Engine	Part #	Install. Notes	Used with Cam #	Spring Type	Inst. Ht. (Dim. "A")	Max Viv. Lift + .050" (Dim. "B")	Press. @ Inst. Ht.	Open Pressure	Coil Bind	O.D.	I.D.
Chevrolet 262-400 V8	5703	1, b	5002, 7102	Single w/ Dampener	1.700"	.510" + .050" = .560"	120 lbs.	330 lbs @ 1.180"	1.130"	1.130"	.880"
Chevrolet Gen III V8 (LS1)	5768		2218	Single (<i>Beehive</i>)	1.800"	.600" + .050" = .650"	138 lbs.	326 lbs @ 1.200"	1.140"	1.301"	.885" / .650"
Chevrolet 396-454 V8	5762	2, c	5062, 7162	Dual	1.880"	.571" + .050" = .621"	100 lbs.	285 lbs @ 1.315"	1.150"	1.450"	1.080" / .800"
Chevrolet 396-454 V8 (Edelbrock Heads 60459)	5745	2, i	5062, 7162	Dual	1.975"	.571" + .050" = .621"	120 lbs.	330 lbs @ 1.425"	1.150"	1.540"	1.130" / .805"
Chrysler 340-360 V8	5777	3, d	5077, 7177	Single w/ Dampener	1.650"	.510" + .050" = .560"	110 lbs.	310 lbs @ 1.140"	1.070"	1.500"	1.075"
Chrysler 383-440 V8	5792	4, f	5092	Single w/ Dampener	1.885"	.480" + .050" = .530"	130 lbs.	310 lbs @ 1.385"	1.125"	1.550"	1.120"
Ford 289-351W V8	5722	5, e	5022, 5082, 7122, 7182	Single w/ Dampener	1.770"	.520" + .050" = .570"	120 lbs.	338 lbs @ 1.200"	1.140"	1.440"	1.030"
Ford 390-428, 429-460 V8	5767	1, 6, a	5067, 7167, 7106	Single w/ Dampener	1.820"	.581" + .050" = .631"	105 lbs.	330 lbs @ 1.250"	1.130"	1.460"	1.060"
Oldsmobile 350-403 V8	5712	7, h	7112	Dual w/ Dampener	1.750"	.520" + .050" = .570"	130 lbs.	300 lbs @ 1.220"	1.050"	1.440"	1.075" / .755"
Pontiac 326-455 V8	5757	8, g	5057	Dual	1.700"	.488" + .050" = .538"	112 lbs.	320 lbs @ 1.210"	.950"	1.485"	1.120" / .830"

INSTALLATION NOTES:

- 1— Use #5767 for Edelbrock Performer RPM Aluminum Cylinder Heads for S/B V8s; installed height = 1.800"
- 2— Inner spring will not clear stock valve seal; head must be machined for Perfect Circle type seals
- 3— May be used on 318 c.i.d. if 340/360 heads are installed
- 4— 1967 & earlier must use early style lifters
- 5— Not for 1985 & later OEM roller lifter engines
- 6— Not for 429 "Shotgun"; not for 1988-'92 engines
- 7— Will fit 455 cylinder heads when used on 350 and 403 engines
- 8— Not for 1964 & earlier; not recommended for 350 c.i.d.
- a— Use retainers #9724 for 429/460; use retainers #9720 for 390-428
- b— Use retainers #9730
- c— Use retainers #9731
- d— Use retainers #9732
- e— Use retainers #9733 **or** #9724 for additional .100" installed height
- f— Use retainers #9734
- g— Use retainers #9735
- h— Use retainers #9736
- i— Use retainers #9715 with keepers #9615

VALVE SPRING/RETAINER/LOCK KITS

For the following applications, Edelbrock valve springs with matching retainers and locks are available as complete kits:

Application

- Small-block Chevrolet (includes #5703, #9730, and #9611) **Kit #** 5794
- Big-block Chevrolet (includes #5762, #9731, and #9612) **Kit #** 5795
- Small-block Ford (includes #5722, #9733, and #9611) **Kit #** 5796

Use Edelbrock Valve Stem Locks #9611 for 11/32" stem valves
 Use Edelbrock Valve Stem Locks #9612 for 3/8" stem valves

CAUTION: Edelbrock valve stem locks are for single groove valves only!
 Some Ford and Chrysler applications have multi-groove valves. Check your valves before proceeding with installation.