



JIMS Valve Spring Kits

Includes JIMS spring seats, valve keepers, your choice of titanium or chromemoly retainers, and your choice of springs. Sold in complete sets for one engine. Fit all Evolution Big Twin models from 84-99.

- 20962** Chromemoly retainers (.600" lift, 160 lb. seat pressure)
- 20963** Titanium retainers (.600" lift, 160 lb. seat pressure)
- 20964** Chromemoly retainers (.675" lift, 184 lb. seat pressure)
- 20965** Titanium retainers (.675" lift, 184 lb. seat pressure)



S&S Valve Spring Kit for 48-84 Big Twins

This kit is designed to be used with stock style guides, bottom spring collars, 3/8" valve stems and keepers. Thin stemmed valves may also be used if the keepers used are designed to compensate for the difference in stem diameters. By grinding .060" to .090" off the tops of the valve guides, cams with lifts up to .550" may be used. Panheads usually require additional rocker cover to top collar clearance. Kit includes 4 aluminum top collars, 4 outer valve springs, 4 inner valve springs, and installation instructions.

- 45711** Fits Panhead and Shovelhead engines from 48-84



Kibblewhite Valve Springs for Panheads and Shovelheads

High-performance 160 lb. Chrome Silicon valve spring set for Panhead and Shovelhead engines from 48-84.

- Sold as a set of 4.**
- 55197** Set of four, Panhead and Shovelhead Valve Springs



Crane Performance Valve Spring Kits for Panheads and Shovelheads

Kits are conveniently packaged with top collars made of either steel or titanium. The springs are precision wound from finest quality wire and Magnaflux inspected. Fits all Panhead and Shovelhead models from 48-84.

- 24174** Spring kit with steel top collars (140 lb. seat pressure)

Valve Springs Only

Sets of four valve springs in standard or with Ther mo-Cool coated which reduces friction and disperses heat eliminating hot spots in the coils. Fits Panhead and Shovelhead models from 48-84.

- 24173** Standard spring set (140 lb. seat pressure)



V-Thunder Valve Spring Kits

V-Thunder kits provide strong street performance with up to .600" lift cams in the Standard kits or up to .675" lift cams with the Super kits. For all Evolution Big Twins 84-99.

Super Kits

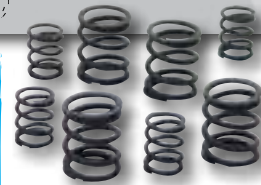
Include springs, locks, retainers and lower seats. Spring I.D.-.745", O.D.-1.510". Spring pressure 184 lb. at 1.850", 422 lb. at 1.280", bind at 1.08"

- 30158** Kit with chromemoly retainers
- 30159** Kit with titanium retainers

Standard Kits

Include springs, locks, retainers and lower seats. Spring I.D.-.700", O.D.-1.460". Spring pressure 160 lb. at 1.850", 440 lb. at 1.250", bind at 1.2".

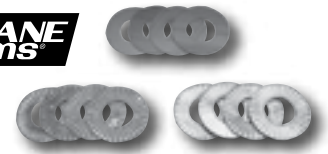
- 30156** Kit with chromemoly retainers



Motor Factory Valve Springs for 48-84 Big Twins

Top-quality, American-made replacement valve spring sets fit Panhead and Shovelhead models from 48-84. Includes inner and outer springs. Replaces OEM 18205-57A.

- 010571** Set of 4



Crane Valve Spring Shim Kit for Evolution Models

Fits all Evolution Big Twin and Sportster engines. The 12-piece kit includes 4 shims each of .015", .030" and .060" thick sizes that permit precise shimming from .015" to .105" in .015" increments, enough to do one set of heads. These shims should not be used with Original Equipment springs.

- 24181** Valve spring shim kit



Red Top Hat Valve Guide Seals by Kibblewhite

These Red 100% Viton® valve stem seals are designed to have optimum fitment, allow for maximum lift, and to give maximum life. Red valve stem seals are resistant to high temperatures, petroleum products and the corrosive gasses that are the by-products of combustion. These seals retain their ability to seal in situations where other materials could harden and allow oil to enter the combustion chamber causing detonation, carbon build up and a loss of power. The Red Ones are truly the racer's choice.

Sold as a set of 4.

- 622238** Fits Twin Cam models 05-Up and Sportster models 04-Up



Heat Treated Steel Spring Collars by Andrews

Designed to fit 84-99 Evolution engines and 99-04 Twin Cam engines. Provides .050" more spring travel than stock collars. Collars are stronger and 10% lighter than stock collars. Use stock keepers.

- 663936** Top collars, set of four