



Valve Spring Sets



Crane Valve Spring Kits for 1984-04 Evo/TC-88 Big Twin are available in precision wire and thermo-cool coated retainers. Available with in steel or titanium retainers. All springs in kit have a nominal inside .800 and 1.460 outside diameter and a coil bind height of 1.080 inches. Note: # is the symbol that denotes pounds.



VT No.	Mfg.#	Description	Application	Seat Pressure and Installed Height and Height	Nominal Open Pressure
11-9249*	5-1102	Steel	Springs (155#) and Steel Retainer	155# @ 1.800	352# @ 1.280
11-9251*	5-1002	Titanium	Springs (155#) and Titanium Retainers	155# @ 1.800	352# @ 1.280
11-9626*	5-1004	Thermo Cool Kit	"Thermo-Cool" Springs (155#) and Titanium Retainers	155# @ 1.800	352# @ 1.280
11-9250*	5-1101	Steel	Springs (175#) and Steel Retainers	175# @ 1.700	394# @ 1.180
11-9252	5-1001	Titanium	Springs (175#) and Titanium Retainers	175# @ 1.700	394# @ 1.180
11-9627*	5-1003	Thermo Cool Kit	"Thermo-Cool" Springs (175#) and Titanium Retainers	175# @ 1.700	394# @ 1.180

*Note: Kits contain valve springs, upper collars, lower collars and valve locks.



Crane Steel Valve Keepers are precision machined, heat treated and nearly twice the strength as stock. Fit 1984-04 Evo and TC-88 Big Twins.

VT No. Spring
12-9952 155 lb.
12-9953 175 lb.

Note: Can only be used with Crane Valve Spring Retainers



Evo/TC-88 1984-04 Valve Spring Shim Kit. Twelve kit piece permits shimming in .015" increments from .015" to 105". This allows the mechanic to assure equal pressure between springs or to increase pressure as desired.

VT No. 11-9624



Evo/TC-88 Spring Kits

VALVE SPRING RETAINERS					VALVE LOCKS			
VT No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	VT No.	Description	Lock Angle	Valve Stem Size
11-7401	Chromemoly	10°	All	1.437-1.500"	11-6164	Super Locks +.050 Inst. w/o recess for lock cap	10°	3/8"
11-7411	Chromemoly	10°	All	1.500-1.550"	11-6174	Super Locks w/o lash caps recess	10°	5/16"
11-7321	Titanium Double Springs	10°	All	1.500-1.550"				

SPRING KITS INCLUDE SPRINGS, LOCKS, RETAINERS AND LOWER SEATS

VT No.	Application	Description	O.D.	I.D.	Pressure @ Checking Ht.	Pressure @ Opening Ht.	Coil Bind Height	Retainer
11-7702	1984-04 BT	Good Street & Performance Spring up to .600" lift	1.460"	.700"	Lbs-160 In-1.850	Lbs-440 In-1.250"	1.200"	Chromemoly
11-7703	1984-04 BT	Good Street & Performance Spring up to .600" lift	1.460"	.700"	Lbs-160 In-1.850	Lbs-440 In-1.250"	1.200"	Titanium
11-7752	1984-04 BT	Super Springs. Street and performance up to .675" lift	1.510"	.745"	Lbs-184 In-1.850	Lbs-422 In-1.250"	1.080"	Chromemoly
11-7753	1984-04 BT	Super Springs. Street and performance up to .675" lift	1.510"	.745"	Lbs-184 In-1.850	Lbs-422 In-1.280"	1.080"	Titanium
11-7704	1984-04 BT	Performance Spring up to .675" lift	1.540"	.725"	Lbs-195 In-1.900	Lbs-515 In-1.280"	1.175"	Titanium
11-7705	1984-04 BT	Performance Spring up to .709" lift	1.550"	.710"	Lbs-230 In-1.875	Lbs-700 In-1.200"	1.100"	Titanium



Andrews Valve Gear fits 1986-04 BT 1340 Evo and TC-88.

VT No. Andrews # Item
13-9251 294150 Hi-Lift Springs .550+ No machining required, use with 11-9880



Andrews Anodized TC-88 EZ Install Pushrods are available in chromemoly or aluminum. Installation does not require removal of tank or rocker boxes.

VT No. Type Item
11-2188 Aluminum Pushrods
11-2088 Moly Pushrods
13-9251 High Lift Valve Springs
11-9880 Titanium Upper Collars