



# Trick Flow by PAC Racing Dual Valve Springs

2019

Specifications				Recommended Components								
Part Number	O.D. of Outer Spring (In.)	I.D. of Outer Spring (In.)	I.D. of Inner Spring (In.)	Includes Damper	Seat Load (Lbs./In.)	Open Load (Lbs./In.)	Coil Bind (In.)	Rate (Lbs./In.)	Valve Spring Retainers (Chromoly Steel)	Valve Stem Locks	Valve Spring Upgrade Kits	Application Recommendations
TFS-16521-16	1.100	.816	.620	No	150 @ 1.500	290 @ .900	.850	233	TFS-52900424	TFS-52900450	—	Twisted Wedge® Race 195 cylinder heads for Ford 4.6L/5.4L 2V
TFS-16891-16	1.212	.900	.674	No	97 @ 1.516	256 @ .970	.850	291	TFS-31400423	TFS-31400443	TFS-K16891	Buick V6 and 350 cubic inch; up to .550" lift @ 1.500" installed height
TFS-16904-16	1.290	.950	.694	No	150 @ 1.800	400 @ 1.125	1.010	370	TFS-21400415 TFS-214T0415*	TFS-30600444	TFS-2500280 TFS-2500285*	OEM GM LS upgrade; replacement for Trick Flow GenX® LS cylinder heads
TFS-16306-16	1.275	.891	.675	No	150 @ 1.800	420 @ 1.200	1.100	450	TFS-21400415 TFS-214T0415*	TFS-30600444	TFS-2500295 TFS-2500300*	Trick Flow GenX® LS cylinder heads with roller rocker arms
TFS-16921-16	1.300	.895	.655	No	135 @ 1.800	400 @ 1.150	1.110	408	TFS-21400410	TFS-31400443	—	Up to .650" lift @ 1.800" installed height
TFS-16905P-16	1.304	.950	.694	No	160 @ 1.800	425 @ 1.130	1.015	392	TFS-21400415 TFS-214T0425*	TFS-30600444	TFS-2500286P TFS-2500287P*	OEM GM LS upgrade; replacement for Trick Flow GenX® LS cylinder heads
TFS-16893-16	1.460	1.075	.794	No	120 @ 1.875	394 @ 1.175	1.050	391	TFS-51400423	TFS-31400443	TFS-K16893	Up to .700" lift @ 1.875" installed height
TFS-16315-16	1.460	1.074	.720	Yes	145 @ 1.750	364 @ 1.250	1.100	438	TFS-51400423	TFS-31400443	—	Replacement for Trick Flow Super 23® cylinder heads for small block Chevrolet and Twisted Wedge® cylinder heads for small block Ford
TFS-16950-16	1.464	1.080	.724	Yes	133 @ 1.900	333 @ 1.300	1.198	333	TFS-51400423	TFS-31400443	—	Up to .600" lift @ 1.900" installed height
TFS-16838-16	1.465	1.090	.807	No	106 @ 1.688	306 @ 1.208	.906	417	TFS-51400423	TFS-31400443	TFS-K16838	Up to .650" lift @ 1.688" installed height
TFS-16914-16	1.490	1.105	.810	No	165 @ 1.800	385 @ 1.200	1.073	367	TFS-51400423	TFS-31400443	—	Up to .600" lift @ 1.800" installed height
TFS-16929-16	1.538	1.140	.752	Yes	157 @ 1.850	440 @ 1.200	1.090	436	TFS-51400423	TFS-52400444	—	Up to .650" lift @ 1.850" installed height
TFS-16097-16	1.539	1.125	.731	Yes	200 @ 2.000	550 @ 1.300	1.125	500	TFS-21400425	TFS-52400444	—	Up to .700" lift @ 2.000" installed height
TFS-16927-16	1.539	1.125	.731	Yes	200 @ 1.950	550 @ 1.250	1.125	500	TFS-21400425	TFS-52400444	—	Up to .700" lift @ 1.950" installed height
TFS-16886-16	1.540	1.105	.700	Yes	225 @ 2.000	715 @ 1.250	1.150	653	TFS-21400424	TFS-52400445	—	Up to .750" lift @ 2.000" installed height
TFS-16895-16	1.540	1.140	.754	Yes	144 @ 1.900	403 @ 1.300	1.125	431	TFS-21400425	TFS-52400444	—	Up to .650" lift @ 1.900" installed height
TFS-16896-16	1.540	1.140	.754	Yes	145 @ 1.900	465 @ 1.250	1.130	492	TFS-21400425	TFS-52400444	—	Up to .650" lift @ 1.900" installed height
TFS-16094-16	1.545	1.130	.757	Yes	175 @ 1.900	442 @ 1.275	1.190	427	TFS-21400425	TFS-52400444	—	Replacement for Trick Flow Super 23® 215 and 230 cylinder heads for small block Chevrolet; up to .625" lift @ 1.900" install height
TFS-16112-16	1.545	1.130	.737	Yes	140 @ 1.800	457 @ 1.175	1.130	507	TFS-21400425	TFS-52400444	—	Up to .625" lift @ 1.800" install height
TFS-16089-16	1.550	1.135	.812	No	230 @ 2.000	580 @ 1.300	1.190	500	TFS-21400425	TFS-52400444	—	Up to .700" lift @ 2.000" installed height
TFS-16115-16	1.550	1.125	.720	Yes	220 @ 2.050	625 @ 1.300	1.190	540	TFS-21400425	TFS-52400444	—	Up to .750" lift @ 2.050" installed height
TFS-16928-16	1.550	1.150	.790	Yes	160 @ 1.880	389 @ 1.250	1.140	363	TFS-21400425	TFS-52400444	—	Up to .650" lift @ 1.880" installed height
TFS-16943-16	1.550	1.135	.812	No	240 @ 1.900	625 @ 1.200	1.068	550	TFS-21400425	TFS-52400444	TFS-K16943	Up to .700" lift @ 1.900" installed height
TFS-16955-16	1.550	1.135	.812	No	240 @ 2.000	608 @ 1.300	1.190	525	TFS-21400425	TFS-52400444	—	Up to .700" lift @ 2.000" installed height
TFS-16324-16	1.550	1.136	.750	Yes	215 @ 1.950	550 @ 1.270	1.100	460	TFS-21400425	TFS-52400444	—	Replacement for Trick Flow Super 23® 215 and 230 cylinder heads for small block Chevrolet
TFS-16935-16	1.555	1.140	.747	Yes	194 @ 1.950	500 @ 1.300	1.150	469	TFS-21400425	TFS-52400444	—	Up to .700" lift @ 1.950" installed height
TFS-16318-16	1.560	1.136	.750	Yes	240 @ 2.000	600 @ 1.280	1.100	500	TFS-214T0525*	TFS-52400445	—	Replacement for Trick Flow Ultra 18® 250 cylinder heads for small block Chevrolet and Twisted Wedge® Race cylinder heads for small block Ford
TFS-16944-16	1.570	1.120	.796	No	190 @ 1.950	710 @ 1.250	1.045	742	TFS-21400425	TFS-52400444	—	Up to .800" lift @ 1.950" installed height
TFS-16951-16	1.620	1.170	.846	No	230 @ 1.950	710 @ 1.200	1.045	640	TFS-214T0520*	TFS-52400444	—	Up to .800" lift @ 1.950" installed height
TFS-16099-16	1.625	1.175	.769	Yes	250 @ 2.050	673 @ 1.300	1.211	564	TFS-214T0520*	TFS-52400444	—	Up to .750" lift @ 2.050" installed height
TFS-16998-16	1.635	1.185	.779	Yes	250 @ 1.900	728 @ 1.200	1.090	682	TFS-214T0520*	TFS-52400444	—	Up to .700" lift @ 1.900" installed height
TFS-16414-16	1.640	1.191	.860	Yes	250 @ 2.000	800 @ 1.150	1.050	650	TFS-214T0620*	TFS-52400444	—	Replacement for Trick Flow PowerOval® 280 and PowerPort® 320 cylinder heads for big block Chevrolet
TFS-16959-16	1.645	1.195	.871	No	207 @ 2.050	671 @ 1.250	1.130	580	TFS-214T0620*	TFS-52400444	—	Up to .800" lift @ 2.050" installed height



\*Titanium retainers