

VALVE SPECIFICATIONS

Year	Engine Displacement Liters (cc)	Engine ID/VIN	Seat Angle (deg.)	Face Angle (deg.)	Spring Test Pressure (lbs. @ in.)	Spring Installed Height (in.)	Stem-to-Guide Clearance (in.)		Stem Diameter (in.)	
							Intake	Exhaust	Intake	Exhaust
1990	1.2 (1189)	8	45	45	112-129 @ 1.248	1.248	0.0008-0.0020	0.0016-0.0028	0.2742-0.2748	0.2734-0.2740
	1.8 (1781)	4	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	1.8 (1781)	7	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	2.2 (2212)	6	45	45	92-106 @ 1.154	1.150	0.0014-0.0024	0.0016-0.0028	0.2343-0.2348	0.2341-0.2346
	2.7 (2672)	9	45	45	100-115 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2741	0.2734-0.2740
1991	1.2 (1189)	7	45	45	112-129 @ 1.248	1.248	0.0008-0.0020	0.0016-0.0028	0.2742-0.2748	0.2734-0.2740
	1.8 (1781)	4	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	1.8 (1781)	8	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	2.2 (2212)	6	45	45	92-106 @ 1.154	1.150	0.0014-0.0024	0.0016-0.0028	0.2343-0.2348	0.2341-0.2346
	2.7 (2672)	9	45	45	100-115 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2741	0.2734-0.2740
1992	1.2 (1189)	7	45	45	112-129 @ 1.122	1.248	0.0008-0.0020	0.0016-0.0028	0.2742-0.2748	0.2734-0.2740
	1.8 (1781)	4	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	2.2 (2212)	6	45	45	92-106 @ 1.154	1.150	0.0014-0.0024	0.0016-0.0028	0.2343-0.2348	0.2341-0.2346
	3.3 (3318)	3	45	45	70-80 ^② @ 0.772	0.831	0.0012-0.0022	0.0016-0.0028	0.2344-0.2350	0.2341-0.2346
1993	1.2 (1189)	7	45	45	112-129 @ 1.122	1.248	0.0008-0.0020	0.0016-0.0028	0.2742-0.2748	0.2734-0.2740
	1.8 (1781)	4	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	1.8 (1820)	1	45	45	90-103 @ 1.150	1.150	0.0014-0.0059	0.0016-0.0059	0.2343-0.2348	0.2341-0.2346
	1.8 (1820)	2	45	45	90-103 @ 1.150	1.150	0.0014-0.0059	0.0016-0.0059	0.2343-0.2348	0.2341-0.2346
	2.2 (2212)	6	45	45	92-106 @ 1.154	1.150	0.0014-0.0024	0.0016-0.0028	0.2343-0.2348	0.2341-0.2346
	3.3 (3318)	3	45	45	70-80 ^② @ 0.772	0.831	0.0012-0.0022	0.0016-0.0028	0.2344-0.2350	0.2341-0.2346
1994	1.2 (1189)	7	45	45	112-129 @ 1.122	1.248	0.0008-0.0020	0.0016-0.0028	0.2742-0.2748	0.2734-0.2740
	1.8 (1781)	4	45	45	112-129 ^① @ 1.122	1.240	0.0014-0.0026	0.0016-0.0028	0.2736-0.2742	0.2734-0.2740
	1.8 (1820)	1	45	45	90-103 @ 1.150	1.150	0.0014-0.0059	0.0016-0.0059	0.2343-0.2348	0.2341-0.2346
	1.8 (1820)	2	45	45	90-103 @ 1.150	1.150	0.0014-0.0059	0.0016-0.0059	0.2343-0.2348	0.2341-0.2346
	2.2 (2212)	6	45	45	92-106 @ 1.154	1.150	0.0014-0.0024	0.0016-0.0028	0.2343-0.2348	0.2341-0.2346
	3.3 (3318)	3	45	45	70-80 ^② @ 0.772	0.831	0.0012-0.0022	0.0016-0.0028	0.2344-0.2350	0.2341-0.2346

① Outer/Inner: 45 - 52 @ 1.122 in.

② Outer/Inner: 33 - 38 @ 0.772 in.