

GENERAL INFORMATION

COOLING SYSTEM		ITEM		SPECIFICATIONS	
Coolant capacity	Radiator and engine	3.2 liter (3.38 US qt, 2.82 Imp qt)			
	Reserve tank	0.8 liter (0.85 US qt, 0.70 Imp qt)			
Radiator cap relief pressure		108 – 137 kPa (1.1 – 1.4 kgf/cm ² , 16 – 20 psi)			
Thermostat	Begin to open	80 – 84 °C (176 – 183 °F)			
	Fully open	95°C (203 °F)			
	Valve lift	8 mm (0.3 in) minimum			
Recommended antifreeze		Pro Honda Coolant or an equivalent high quality ethylene glycol antifreeze containing corrosion protection inhibitors specifically recommended for use in aluminum engines			
Standard coolant concentration		50 – 50% mixture with soft water			

Unit: mm (in)

CYLINDER HEAD/VALVES		ITEM		STANDARD		SERVICE LIMIT	
Cylinder compression		1,275 kPa (13.0 kgf/cm ² , 185 psi) at 350 min ⁻¹ (rpm)				—	
Valve clearance		IN	0.16 ± 0.03 (0.006 ± 0.001)			—	
		EX	0.25 ± 0.03 (0.010 ± 0.001)			—	
Camshaft	Cam lobe height	IN	36.040 – 36.280 (1.419 – 1.428)			36.01 (1.42)	
		EX	35.800 – 36.040 (1.409 – 1.419)			35.77 (1.41)	
	Runout	—				0.05 (0.002)	
Oil clearance		0.020 – 0.062 (0.008 – 0.0025)				0.10 (0.004)	
Valve lifter	Valve lifter O.D.	25.978 – 25.993 (1.0228 – 1.0233)				25.97 (1.022)	
	Valve lifter bore I.D.	26.010 – 26.026 (1.0240 – 1.0246)				26.04 (1.025)	
Valve, valve guide	Valve stem O.D.	IN	4.475 – 4.490 (0.1762 – 0.1768)			4.465 (0.1758)	
		EX	4.465 – 4.480 (0.1758 – 0.1764)			4.455 (0.1754)	
	Valve guide I.D.	IN/EX	4.500 – 4.512 (0.1772 – 0.1776)			4.540 (0.1787)	
	Stem-to-guide clearance	IN	0.010 – 0.037 (0.0004 – 0.0015)			0.075 (0.0030)	
		EX	0.020 – 0.047 (0.0008 – 0.0019)			0.085 (0.0033)	
	Valve guide projection above cylinder head	IN	14.5 – 14.7 (0.57 – 0.58)			—	
		EX	14.8– 15.0 (0.58 – 0.59)			—	
Valve seat width	IN/EX	0.90 – 1.10 (0.035 – 0.043)			1.5 (0.06)		
Valve spring free length	IN	40.9 (1.61)			40.08 (1.578)		
	EX	40.9 (1.61)			40.08 (1.578)		
Cylinder head warpage		—				0.10 (0.004)	