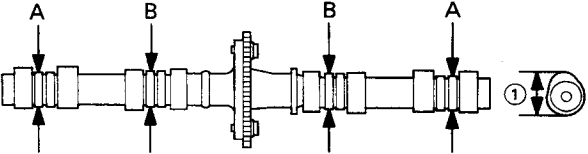
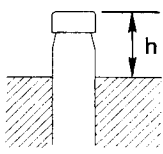


Unit: mm (in)

Cooling System		Standard	Service Limit
Item			
Coolant capacity (Radiator and engine)		2.6 liter (2.75 US qt, 2.29 Imp qt)	—
(Reserve tank)		0.4 liter (0.42 US qt, 0.35 Imp qt)	—
Radiator cap relief pressure		108–137 kPa (1.1–1.4 kg/cm ² , 16–20 psi)	—
Thermostat begins to open		80°–84°C (176–183°F)	—
Thermostat fully open		95°C (203°F)	—
Thermostat valve lift		8.0 (0.32) minimum	—

Cylinder Head		Standard	Service Limit
Cylinder compression		1,050–1,450 kpa (10.5–14.4 kg/cm ² , 149–206 psi)/400 min ⁻¹ (rpm)	—
Cylinder compression synchronization difference		40 mm Hg	—
Valve clearance IN		0.10 ± 0.02 (0.004 ± 0.001)	—
EX		0.18 ± 0.02 (0.007 ± 0.001)	—
Cylinder head warpage		—	0.07 (0.003)
Cam lobe height ① IN (ED, E, G, ND, SP, IT, U type)		35.668–35.748 (1.4042–1.4074)	35.62 (1.402)
IN (F type)		33.352–33.432 (1.3131–1.3162)	33.30 (1.311)
IN (SW, AR type)		34.907–34.987 (1.3743–1.3774)	34.85 (1.372)
EX (ED, E, G, ND, SP, IT, U type)		35.540–35.620 (1.3992–1.4024)	35.49 (1.397)
EX (F type)		35.540–35.620 (1.3992–1.4024)	35.49 (1.397)
EX (SW, AR type)		34.835–34.915 (1.3715–1.3746)	34.79 (1.370)
Camshaft runout		—	0.03 (0.001)
Camshaft oil clearance A		0.020–0.062 (0.0008–0.0024)	0.12 (0.005)
B		0.050–0.092 (0.0020–0.0036)	0.14 (0.006)
			
Camshaft journal O.D A (Except F type)		27.959–27.980 (1.1007–1.1016)	—
A (F type)		27.459–27.480 (1.0811–1.0819)	—
B (Except F type)		27.929–27.950 (1.0996–1.1004)	—
B (F type)		27.421–27.450 (1.0796–1.0807)	—
Valve stem O.D. IN		5.475–5.490 (0.2156–0.2161)	5.47 (0.215)
EX		5.455–5.470 (0.2148–0.2154)	5.45 (0.215)
Valve guide I.D. IN		5.500–5.512 (0.2165–0.2170)	5.55 (0.219)
EX		5.500–5.512 (0.2165–0.2170)	5.55 (0.219)
Stem-to-guide clearance IN		0.010–0.037 (0.0004–0.0015)	—
EX		0.030–0.057 (0.0012–0.0022)	—
Valve guide projection above cylinder head IN		17.8–18.0 (0.70–0.71)	—
EX		17.8–18.0 (0.70–0.71)	—
 <p>Before guide installation:</p> <ol style="list-style-type: none"> 1. Chill the valve guides in the freezer section of the refrigerator for about an hour. 2. Heat the cylinder head to 100–150°C (212–300°F) 			
Valve seat width		0.9–1.1 (0.035–0.043)	1.5 (0.6)
Valve spring free length inner IN		43.15 (1.699)	41.8 (1.65)
inner EX		43.15 (1.699)	41.8 (1.65)
outer IN		47.08 (1.854)	45.7 (1.80)
outer EX		47.08 (1.854)	45.7 (1.80)