

CYLINDER HEAD/VALVES

Unit: mm (in)

ITEM			STANDARD	SERVICE LIMIT
Valve	Stem O.D.	IN	6.575–6.590 (0.2589–0.2594)	6.56 (0.257)
		EX	6.560–6.575 (0.2582–0.2589)	6.55 (0.258)
	Guide I.D.	IN	6.600–6.615 (0.2598–0.2421)	6.63 (0.261)
		EX	6.600–6.615 (0.2598–0.2421)	6.63 (0.261)
	Stem-to-guide clearance	IN	0.010–0.040 (0.0004–0.0016)	0.065 (0.0026)
		EX	0.025–0.055 (0.0010–0.0021)	0.008 (0.0031)
Valve face width	IN	1.20–1.85 (0.047–0.071)	2.6 (0.10)	
	EX	0.9–1.7 (0.04–0.67)	2.4 (0.09)	
Cylinder head	Warpage		—	0.10 (0.004)
	Valve seat width	IN/EX	1.2–1.4 (0.05–0.06)	2.0 (0.08)

TORQUE VALUES

Cylinder head bolt		36 N·m (3.6 kg-m, 26 ft-lb)
Cam sprocket bolt		20 N·m (2.0 kg-m, 14 ft-lb)
Cylinder head cover	6 mm (SH)	10 N·m (1.0 kg-m, 7 ft-lb)
	6 mm bolt	12 N·m (1.2 kg-m, 9 ft-lb)
	8 mm bolt	23 N·m (2.3 kg-m, 17 ft-lb)
Rocker arm shaft		28 N·m (2.8 kg-m, 20 ft-lb)
Sub-rocker arm shaft	IN	28 N·m (2.8 kg-m, 20 ft-lb)
	EX	23 N·m (2.3 kg-m, 17 ft-lb)
Valve adjuster lock nut		25 N·m (2.5 kg-m, 18 ft-lb)

TOOLS

Special

Knock pin puller set	07936–MA70000
– Slider shaft	07936–MA70100
– Remover weight	07741–0010201
Valve guide reamer	07984–5510000
Cam chain tensioner holder	07973–MG30003

Common

Valve guide driver, 6.6 mm	07742–0010200 or 07942–6570100
Valve spring compressor	07757–0010000 or 07957–3290001