

**ENGINE MECHANICAL
SPECIFICATIONS**

11A-65

ITEM		SPECIFICATION
Timing belt lower cover bolt (bolt, flange)	M6	11 ± 1 N·m (98 ± 8 in-lb)
Timing belt lower cover bolt (bolt, washer assembled)	M6	9.0 ± 1.0 N·m (80 ± 9 in-lb)
Timing belt tensioner adjuster bolt		23 ± 3 N·m (17 ± 2 ft-lb)
Timing belt tensioner arm bolt		21 ± 4 N·m (16 ± 2 ft-lb)
Timing belt tensioner pulley bolt		48 ± 5 N·m (36 ± 3 ft-lb)
Timing belt upper cover bolt (bolt, flange)	M6	11 ± 1 N·m (98 ± 8 in-lb)
Water pump pulley bolt		8.8 ± 1.0 N·m (78 ± 9 in-lb)

SERVICE SPECIFICATIONS

M1111000300510

ITEM		STANDARD VALUE	LIMIT
Drive belt tension	Vibration frequency Hz (Reference)	110 – 144	–
	Tension N (Reference)	245 – 412	–
Actual ignition timing at idle		Approximately 5° BTDC	–
Basic ignition timing at idle		5° BTDC ± 3°	–
CO content%		0.5 or less	–
HC contents ppm		100 or less	–
Curb idle speed r/min		850 ± 100	–
Compression pressure (250 r/min) kPa (psi)		1,128 (163)	Minimum 951 (138)
Intake manifold vacuum at curb idle kPa (in Hg)		–	Minimum 51 (15)
Cylinder head bolt nominal length mm (in)		–	99.4 (3.91)
Balancer timing belt tension (When adjusted)	Deflection mm (in)	5 – 7 (0.20 – 0.27)	–
Balancer timing belt tension (When replaced)	Deflection mm (in)	5 – 7 (0.20 – 0.27)	–
Balancer timing belt tension (When checked)	Deflection mm (in)	5 – 10 (0.20 – 0.39)	–
Timing belt tensioner adjuster rod protrusion amount mm (in)		3.8 – 4.5 (0.15 – 0.17)	–
Timing belt tensioner adjuster rod movement mm (in)		Within 1 (0.039)	–

SEALANTS

M1111000500332

ITEM	SPECIFIED SEALANT
Camshaft end seal	Specified sealant: 3M™ AAD Part No. 8672, 3M™ AAD Part No. 8679/8678 or equivalent
Camshaft position sensor support	
Cylinder head	

TSB Revision