1. General Description St03007

A: SPECIFICATIONS S103001E49

	Туре			Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gaso- line engine
	Valve arrangement			Belt driven, single over-head camshaft, 4-valve/cylinder
	Bore x Stroke		mm (in)	99.5 x 79.0 (3.917 x 3.110)
	Displacement		cm ³ (cu in)	2,457 (150)
	Compression ratio			10.0
	Compression pres- sure (at 200 — 300 kPa (kg/cm ² , psi) rpm)			1,079 — 1,275 (11.0 — 13.0, 156 — 185)
	Number of piston ring	gs		Pressure ring: 2, Oil ring: 1
Engino	Intoko volvo timina	Opening		1° BTDC
Engine	Intake valve timing	Closing		51° ABDC
	Exhaust valve tim-	Opening		50° BBDC
	ing	Closing		6° ATDC
	Valve clearance	Intake	mm (in)	0.20±0.02 (0.0079±0.0008)
	Valve clearance Exhaust		mm (in)	0.25±0.02 (0.0098±0.0008)
	Idling speed [At neut on MT, or "P" or "N" AT]		rpm	MT: 650±100 (No load) AT: 700±100 (No load) 850±100 (A/C switch ON)
	Firing order			$1 \to 3 \to 2 \to 4$
	Ignition timing		BTDC/rpm	MT: 10°±8°/650 AT: 15°±8°/700

NOTE:

STD: Standard I.D.: Inner Diameter O.D.: Outer Diameter US: Undersize OS: Oversize

Belt ten- sioner adjuster	Protrusion of adjuster rod			5.2 — 6.2 mm (0.205 — 0.244 in)
	Spacer O.D.			17.955 — 17.975 mm (0.7069 — 0.7077 in)
	Tensioner bush I.D.			18.00 — 18.08 mm (0.7087 — 0.7118 in)
Belt ten-	Clearance between aneger on	d buch	STD	0.025 — 0.125 mm (0.0010 — 0.0049 in)
sioner	Clearance between spacer an	a bush	Limit	0.175 mm (0.0069 in)
	Side electrones of encour		STD	0.20 — 0.55 mm (0.0079 — 0.0217 in)
	Side clearance of spacer			0.81 mm (0.0319 in)
Valve rocker	Clearance between shaft and arm		STD	0.020 — 0.054 mm (0.0008 — 0.0021 in)
arm			Limit	0.10 mm (0.0039 in)
	Bend limit			0.020 mm (0.0008 in)
	Thrust clearance		STD	0.030 — 0.090 mm (0.0012 — 0.0035 in)
			Limit	0.11 mm (0.0043 in)
		Intake	STD	39.485 — 39.585 mm (1.5545 — 1.5585 in)
	Com lobo boight		Limit	39.385 mm (1.5506 in)
Camshaft	Cam lobe height	Exhaust	STD	39.257 — 39.357 mm (1.5455 — 1.5495 in)
		Exhaust	Limit	39.157 mm (1.5416 in)
	Camshaft journal O.D.			31.928 — 31.945 mm (1.2570 — 1.2577 in)
	Camshaft journal hole I.D.			32.000 — 32.018 mm (1.2598 — 1.2605 in)
			STD	0.055 — 0.090 mm (0.0022 — 0.0035 in)
	Oil clearance		Limit	0.10 mm (0.0039 in)

	Surface warpage limit			0.05 mm (0.0020 in)
Cylinder	Surface grinding limit			0.1 mm (0.004 in)
head	Standard height			98.3 mm (3.870 in)
	Refacing angle			90°
			STD	1.0 mm (0.039 in)
Valve set	Contacting width	Intake	Limit	1.7 mm (0.067 in)
			STD	1.4 mm (0.055 in)
		Exhaust	Limit	2.1 mm (0.083 in)
	Inner diameter	1		6.000 — 6.012 mm (0.2362 — 0.2367 in)
Valve guide	Destausien skewe koord		Intake	20.0 — 20.5 mm (0.787 — 0.807 in)
	Protrusion above head		Exhaust	16.5 — 17.0 mm (0.650 — 0.669 in)
		Intelse	STD	1.0 mm (0.039 in)
		Intake	Limit	0.6 mm (0.024 in)
	Head edge thickness	E de sur st	STD	1.2 mm (0.047 in)
		Exhaust	Limit	0.6 mm (0.024 in)
			Intake	5.950 — 5.965 mm (0.2343 — 0.2348 in)
Valve	Stem diameter		Exhaust	5.945 — 5.960 mm (0.2341 — 0.2346 in)
		OTD	Intake	0.035 — 0.062 mm (0.0014 — 0.0024 in)
	Stem oil clearance	STD	Exhaust	0.040 — 0.067 mm (0.0016 — 0.0026 in)
		Limit	_	0.15 mm (0.0059 in)
			Intake	120.6 mm (4.75 in)
	Overall length		Exhaust	121.7 mm (4.79 in)
	Free length		1	54.30 mm (2.1378 in)
	Squareness			2.5°, 2.4 mm (0.094 in)
Valve spring				214.8 — 246.2 N (21.9 — 25.1 kg, 48.3 — 55.3 lb)/
	Tension/spring height			45.0 mm (1.772 in) 526.6 — 581.6 N (53.7 — 59.3 kg, 118.4 — 130.8 lb)/34.7 mm (1.366 in)
	Surface warpage limit (mating	with cylinder	head)	0.05 mm (0.0020 in)
	Surface grinding limit			0.1 mm (0.004 in)
	Cylinder here	STD	А	99.505 — 99.515 mm (3.9175 — 3.9179 in)
	Cylinder bore	510	В	99.495 — 99.505 mm (3.9171 — 3.9175 in)
O dia dan	Tapar		STD	0.015 mm (0.0006 in)
Cylinder block	Taper		Limit	0.050 mm (0.0020 in)
DIOCK			STD	0.010 mm (0.0004 in)
	Out-of-roundness		Limit	0.050 mm (0.0020 in)
	Distan elegenera		STD	0.010 — 0.030 mm (0.0004 — 0.0012 in)
	Piston clearance		Limit	0.050 mm (0.0020 in)
	Enlarging (boring) limit			0.5 mm (0.020 in)
		OTD	A	99.485 — 99.495 mm (3.9167 — 3.9171 in)
		STD	В	99.475 — 99.485 mm (3.9163 — 3.9167 in)
Piston	Outer diameter	0.25 mm (0 OS).0098 in)	99.725 — 99.735 mm (3.9262 — 3.9266 in)
		0.50 mm (0 OS).0197 in)	99.975 — 99.985 mm (3.9360 — 3.9364 in)
	Standard inner diameter of pis	ton pin hole		23.000 — 23.006 mm (0.9055 — 0.9057 in)
	Outer diameter			22.994 — 23.000 mm (0.9053 — 0.9055 in)
Piston pin	Standard clearance between p ton	iston pin and	d hole in pis-	0.004 — 0.008 mm (0.0002 — 0.0003 in)
	Degree of fit			Piston pin must be fitted into position with thumb at 20°C (68°F).

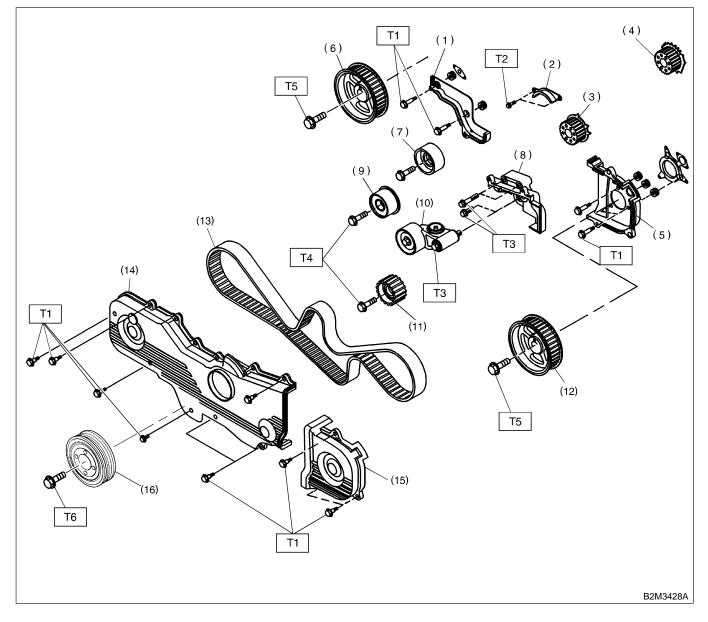
GENERAL DESCRIPTION

			STD	0.20 — 0.35 mm (0.0079 — 0.0138 in)
Piston ring	Piston ring gap	Top ring	Limit	1.0 mm (0.039 in)
		Second	STD	0.35 — 0.50 mm (0.0138 — 0.0197 in)
		ring	Limit	1.0 mm (0.039 in)
			STD	0.20 — 0.70 mm (0.0079 — 0.0276 in)
		Oil ring	Limit	1.5 mm (0.059 in)
	Cleaneres		STD	0.040 — 0.080 mm (0.0016 — 0.0031 in)
	Clearance between piston	Top ring	Limit	0.15 mm (0.0059 in)
	ring and piston	Second	STD	0.030 — 0.070 mm (0.0012 — 0.0028 in)
	ring groove	ring	Limit	0.15 mm (0.0059 in)
	Bend twist per 10			0.13 mm (0.0033 m)
Connecting	in) in length	0.0+	Limit	0.10 mm (0.0039 in)
rod	Cida algorango		STD	0.070 — 0.330 mm (0.0028 — 0.0130 in)
	Side clearance		Limit	0.4 mm (0.016 in)
			STD	0.020 — 0.046 mm (0.0008 — 0.0018 in)
	Oil clearance		Limit	0.05 mm (0.0020 in)
			STD	1.486 — 1.498 mm (0.0585 — 0.0590 in)
Connecting rod bearing			0.03 mm (0.0012 in) US	1.504 — 1.512 mm (0.0592 — 0.0595 in)
Tou beaming	Thickness at center portion		0.05 mm (0.0020 in) US	1.514 — 1.522 mm (0.0596 — 0.0599 in)
			0.25 mm (0.0098 in) US	1.614 — 1.622 mm (0.0635 — 0.0639 in)
Connecting	Clearance betwee	en piston pin	STD	0 — 0.022 mm (0 — 0.0009 in)
rod bushing	and bushing		Limit	0.030 mm (0.0012 in)
	Bend limit			0.035 mm (0.0014 in)
	Crank pin and	Out-of-roun	dness	0.020 mm (0.0008 in) or less
	crank journal Grinding lin		nit	0.250 mm (0.0098 in)
	Crank pin outer diameter		STD	51.984 — 52.000 mm (2.0466 — 2.0472 in)
			0.03 mm (0.0012 in) US	51.954 — 51.970 mm (2.0454 — 2.0461 in)
			0.05 mm (0.0020 in) US	51.934 — 51.950 mm (2.0446 — 2.0453 in)
			0.25 mm (0.0098 in) US	51.734 — 51.750 mm (2.0368 — 2.0374 in)
			STD	59.992 — 60.008 mm (2.3619 — 2.3625 in)
			0.03 mm (0.0012 in) US	59.962 — 59.978 mm (2.3607 — 2.3613 in)
Crankshaft		#1, #5, #3	0.05 mm (0.0020 in) US	59.942 — 59.958 mm (2.3599 — 2.3605 in)
	Crank journal		0.25 mm (0.0098 in) US	59.742 — 59.758 mm (2.3520 — 2.3527 in)
	outer diameter		STD	59.992 — 60.008 mm (2.3619 — 2.3625 in)
			0.03 mm (0.0012 in) US	59.962 — 59.978 mm (2.3607 — 2.3613 in)
		#2, #4	0.05 mm (0.0020 in) US	59.942 — 59.958 mm (2.3599 — 2.3605 in)
		#2, #4	US 0.25 mm (0.0098 in)	59.942 — 59.958 mm (2.3599 — 2.3605 in) 59.742 — 59.758 mm (2.3520 — 2.3527 in)
		#2, #4	US 0.25 mm (0.0098 in) US	59.742 — 59.758 mm (2.3520 — 2.3527 in)
	Thrust clearance	#2, #4	US 0.25 mm (0.0098 in) US STD	59.742 — 59.758 mm (2.3520 — 2.3527 in) 0.030 — 0.115 mm (0.0012 — 0.0045 in)
	Thrust clearance	#2, #4	US 0.25 mm (0.0098 in) US	59.742 — 59.758 mm (2.3520 — 2.3527 in)

		1		
			STD	1.998 — 2.011 mm (0.0787 — 0.0792 in)
			0.03 mm (0.0012 in) US	2.017 — 2.020 mm (0.0794 — 0.0795 in)
Crankshaft Crankshaft bear-	#1, #5	0.05 mm (0.0020 in) US	2.027 — 2.030 mm (0.0798 — 0.0799 in)	
		0.25 mm (0.0098 in) US	2.127 — 2.130 mm (0.0837 — 0.0839 in)	
bearing	bearing ing thickness	ess #2, #3, #4	STD	2.000 — 2.013 mm (0.0787 — 0.0793 in)
			0.03 mm (0.0012 in) US	2.019 — 2.022 mm (0.0795 — 0.0796 in)
			0.05 mm (0.0020 in) US	2.029 — 2.032 mm (0.0799 — 0.0800 in)
			0.25 mm (0.0098 in) US	2.129 — 2.132 mm (0.0838 — 0.0839 in)

B: COMPONENT S103001A05

1. TIMINGBELT S103001A0501



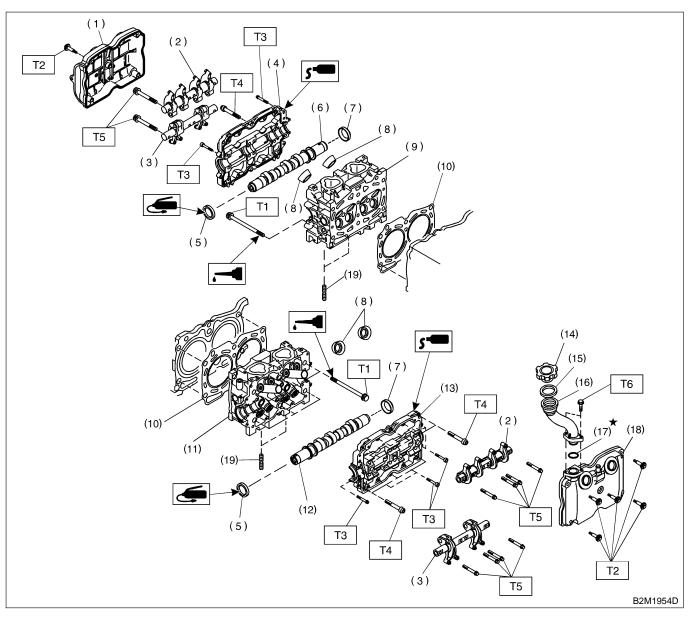
- (1) Belt cover No. 2 (RH)
- (2) Timing belt guide (MT vehicles only)
- (3) Crankshaft sprocket (AT vehicles)
- (4) Crankshaft sprocket (MT vehicles)
- (5) Belt cover No. 2 (LH)
- (6) Camshaft sprocket No. 1
- (7) Belt idler (No. 1)

- (8) Tensioner bracket
- (9) Belt idler (No. 2)
- (10) Automatic belt tension adjuster ASSY
- (11) Belt idler No. 2
- (12) Camshaft sprocket No. 2
- (13) Timing belt
- (14) Front belt cover
- (15) Belt cover (LH)
- (16) Crankshaft pulley

Tightening torque: N·m (kgf-m, ft-lb) T1: 5 (0.5, 3.6) T2: 9.8 (1.0, 7.2) T3: 25 (2.5, 18.1) T4: 39 (4.0, 28.9) T5: 78 (8.0, 57.9) T6: 177 (18.0, 130.2)

2. CYLINDER HEAD AND CAMSHAFT

S103001A0502



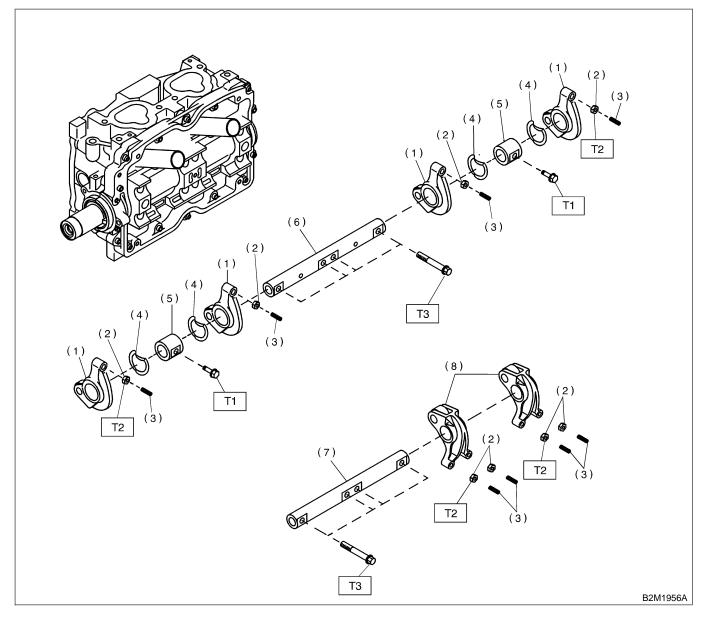
- (1) Rocker cover (RH)
- (2) Intake valve rocker ASSY
- (3) Exhaust valve rocker ASSY
- (4) Camshaft cap (RH)
- (5) Oil seal
- (6) Camshaft (RH)
- (7) Plug
- (8) Spark plug pipe gasket
- (9) Cylinder head (RH)
- (10) Cylinder head gasket

- (11) Cylinder head (LH)
- (12) Camshaft (LH)
- (13) Camshaft cap (LH)
- (14) Oil filler cap
- (15) Gasket
- (16) Oil filler pipe
- (17) O-ring
- (18) Rocker cover (LH)
- (19) Stud bolt

Tightening torque: N·m (kgf-m, ft-lb) T1: <Ref. to ME(H4)-59 CYLIN-DER HEAD, INSTALLATION, Cylinder Head Assembly.> T2: 5 (0.5, 3.6) T3: 10 (1.0, 7.2) T4: 18 (1.8, 13.0) T5: 25 (2.5, 18.1) T6: 6.4 (0.65, 4.7)

Mechanical

3. VALVE ROCKER ASSEMBLY S103001A0503



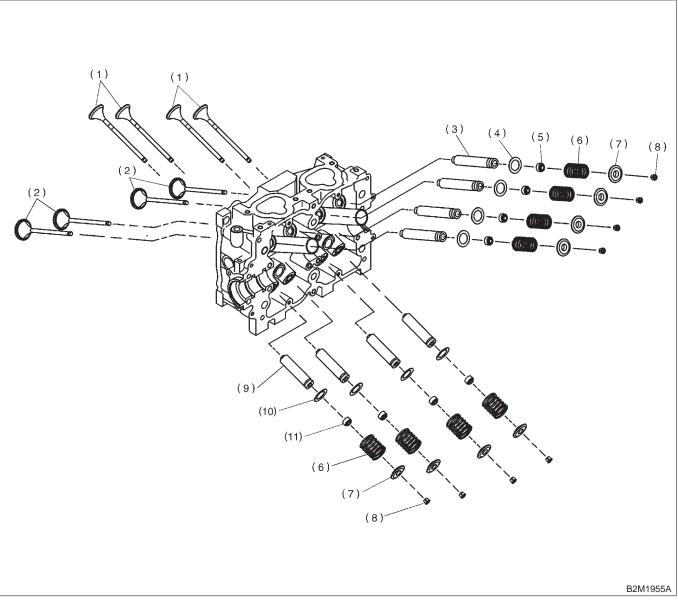
- (1) Intake valve rocker arm
- (2) Valve rocker nut
- (3) Valve rocker adjust screw
- (4) Spring
- (5) Rocker shaft support

- (6) Intake rocker shaft
- (7) Exhaust rocker shaft
- (8) Exhaust valve rocker arm

Tightening torque: N·m (kgf-m, ft-lb) T1: 5 (0.5, 3.6) T2: 10 (1.0, 7.2) T3: 25 (2.5, 18.1)

ME(H4)-8

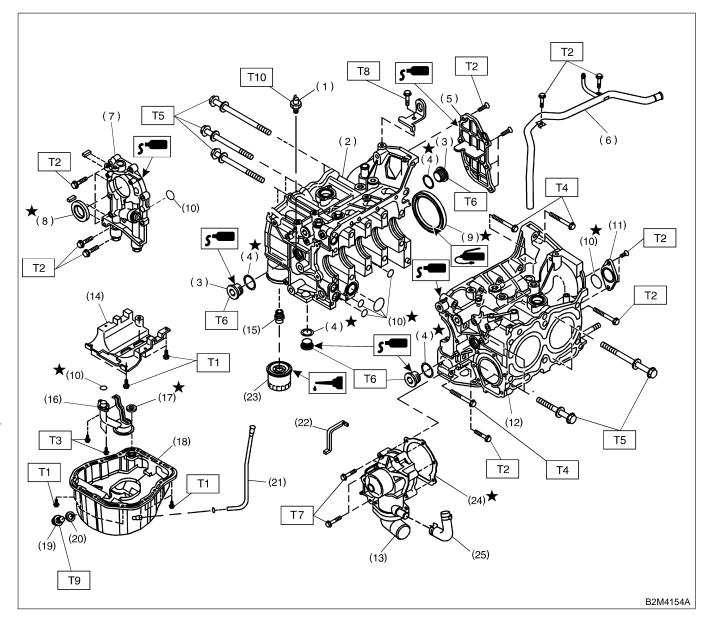
4. CYLINDER HEAD AND VALVE ASSEMBLY S103001A0504



- (1) Exhaust valve
- (2) Intake valve
- (3) Intake valve guide
- (4) Intake valve spring seat
- (5) Intake valve oil seal
- (6) Valve spring
- (7) Retainer
- (8) Retainer key

- (9) Exhaust valve guide
- (10) Exhaust valve spring seat
- (11) Exhaust valve oil seal

5. CYLINDER BLOCK S103001A0505



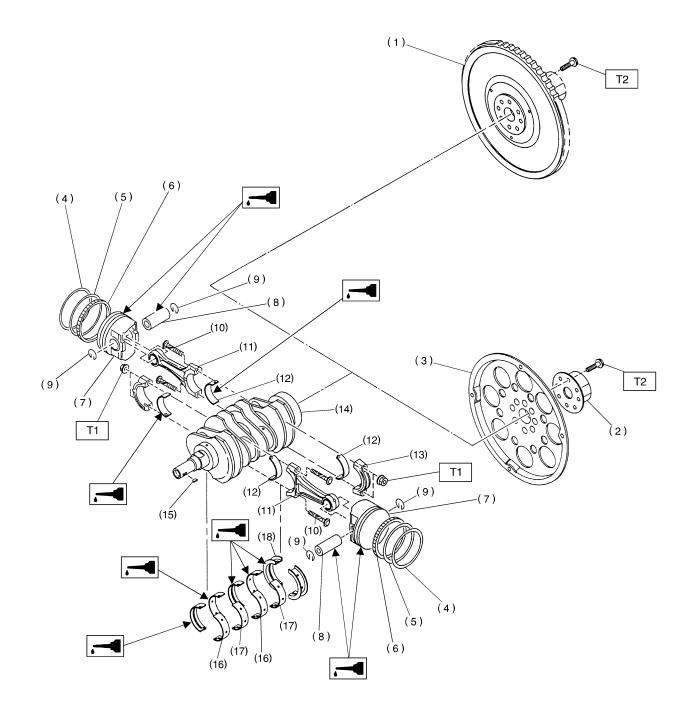
- (1) Oil pressure switch
- (2) Cylinder block (RH)
- (3) Service hole plug
- (4) Gasket
- (5) Oil separator cover
- (6) Water by-pass pipe
- (7) Oil pump
- (8) Front oil seal
- (9) Rear oil seal
- (10) O-ring
- (11) Service hole cover
- (12) Cylinder block (LH)
- (13) Water pump

- (14) Baffle plate
- (15) Oil filter connector
- (16) Oil strainer
- (17) Gasket
- (18) Oil pan
- (19) Drain plug
- (20) Metal gasket
- (21) Oil level gauge guide
- (22) Water pump sealing
- (23) Oil filter
- (24) Gasket
- (25) Water pump hose

Tightening torque: N·m (kgf-m, ft-lb) T1: 5 (0.5, 3.6) T2: 6.4 (0.65, 4.7) T3: 10 (1.0, 7) T4: 25 (2.5, 18.1) T5: 47 (4.8, 34.7) T6: 69 (7.0, 50.6) T7: First 12 (1.2, 8.7) Second 12 (1.2, 8.7) T8: 16 (1.6, 11.6) T9: 44 (4.5, 33) T10: 25 (2.5, 18.1)

ME(H4)-10

6. CRANKSHAFT AND PISTON S103001A0506



B2M3429A

ME(H4)-11

- (1) Flywheel (MT)
- (2) Reinforcement (AT)
- (3) Drive plate (AT)
- (4) Top ring
- (5) Second ring
- (6) Oil ring
- (7) Piston
- (8) Piston pin

GENERAL DESCRIPTION

- (9) Circlip
- (10) Connecting rod bolt
- (11) Connecting rod
- (12) Connecting rod bearing
- (13) Connecting rod cap
- (14) Crankshaft
- (15) Woodruff key
- (16) Crankshaft bearing #1, #3

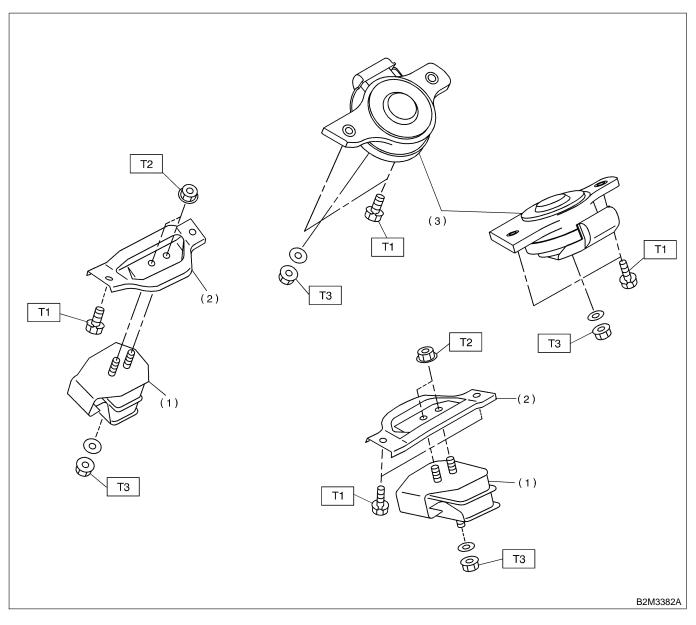
(17) Crankshaft bearing #2, #4

(18) Crankshaft bearing #5

Tightening torque: N·m (kgf-m, ft-lb) T1: 44.6 (4.55, 32.9) T2: 72 (7.3, 52.8)

ME(H4)-12

7. ENGINE MOUNTING \$103001A0507



- (1) Front cushion rubber (BRIGHTON and L AT vehicles)
- (2) Front engine mounting bracket (BRIGHTON and L AT vehicles)
- (3) Front cushion rubber (Except BRIGHTON and L AT vehicles)

Tightening torque: N·m (kgf-m, ft-lb) T1: 34 (3.5, 25.3) T2: 41 (4.2, 30) T3: 74 (7.5, 54)

C: CAUTION S103001A03

• Wear working clothing, including a cap, protective goggles, and protective shoes during operation.

 Remove contamination including dirt and corrosion before removal, installation or disassembly.

• Keep the disassembled parts in order and protect them from dust or dirt.

• Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary

removal, installation, disassembly, and replacement.

• Be careful not to burn your hands, because each part in the vehicle is hot after running.

• Be sure to tighten fasteners including bolts and nuts to the specified torque.

• Place shop jacks or safety stands at the specified points.

• Before disconnecting electrical connectors of sensors or units, be sure to disconnect negative terminal from battery.

ME(H4)-13

• All parts should be thoroughly cleaned, paying special attention to the engine oil passages, pistons and bearings.

 Rotating parts and sliding parts such as piston, bearing and gear should be coated with oil prior to assembly.

• Be careful not to let oil, grease or coolant contact the timing belt, clutch disc and flywheel.

• All removed parts, if to be reused, should be reinstalled in the original positions and directions.

• Bolts, nuts and washers should be replaced with new ones as required.

• Even if necessary inspections have been made in advance, proceed with assembly work while making rechecks.

D: PREPARATION TOOL S103001A17

1. SPECIAL TOOLS S103001A1701

• Remove or install engine in an area where chain hoists, lifting devices, etc. are available for ready use.

• Be sure not to damage coated surfaces of body panels with tools or stain seats and windows with coolant or oil. Place a cover over fenders, as required, for protection.

• Prior to starting work, prepare the following:

Service tools, clean cloth, containers to catch coolant and oil, wire ropes, chain hoist, transmission jacks, etc.

• Lift-up or lower the vehicle when necessary. Make sure to support the correct positions.

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
	498267800	CYLINDER HEAD TABLE	 Used for replacing valve guides. Used for removing and installing valve springs.
B2M3850	498457000	ENGINE STAND	Used with ENGINE STAND (499817000).
B2M3851		ADAPTER RH	
B2M3852	498457100	ENGINE STAND ADAPTER LH	Used with ENGINE STAND (499817000).

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
	498497100	CRANKSHAFT	Used for stopping rotation of flywheel when loos- ening and tightening crankshaft pulley bolt, etc.
500		STOPPER	ening and tightening crankshaft pulley bolt, etc.
B2M3853			
B2M3854	498747300	PISTON GUIDE	Used for installing piston in cylinder.
	498857100	VALVE OIL SEAL GUIDE	Used for press-fitting of intake and exhaust valve guide oil seals.
B2M3855		GOIDE	
	499017100	PISTON PIN GUIDE	Used for installing piston pin, piston and connecting rod.
B2M3856			

GENERAL DESCRIPTION

		DECODIDION	DEMARKO
ILLUSTRATION	TOOL NUMBER 499037100	DESCRIPTION CONNECTING	REMARKS Used for removing and installing connecting rod
	499037100	ROD BUSHING REMOVER & INSTALLER	bushing.
B2M3857	100007700		
0-0-0	499097700	PISTON PIN REMOVER ASSY	Used for removing piston pin.
	499207100	CAMSHAFT	Used for removing and installing camshaft
B2M3859	(00507700)	SPROCKET WRENCH	sprocket.
B2M3860	499587700	CAMSHAFT OIL SEAL INSTALLER	Used for installing cylinder head plug.

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
B2M3861	499587200	CRANKSHAFT OIL SEAL INSTALLER	 Used for installing crankshaft oil seal. Used with CRANKSHAFT OIL SEAL GUIDE (499597100).
B2M3862	499597000	OIL SEAL GUIDE	 Used for installing camshaft oil seal. Used with CAMSHAFT OIL SEAL INSTALLER (499587100).
B2M3863	499597100	CRANKSHAFT OIL SEAL GUIDE	 Used for installing crankshaft oil seal. Used with CRANKSHAFT OIL SEAL INSTALLER (499587200).
B2M3864	499718000	VALVE SPRING REMOVER	Used for removing and installing valve spring.

GENERAL DESCRIPTION

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
	499767700	VALVE GUIDE	Used for installing intake valve guides.
		ADJUSTER	
B2M3865	499767800	VALVE GUIDE	Used for installing exhaust valve guide.
	4007070000	ADJUSTER	osed for installing exhaust valve guide.
B2M3865	499767200	VALVE GUIDE	Used for removing valve guides.
	499767200	REMOVER	Used for removing valve guides.
2			
B2M3867	400707400		
	499767400	VALVE GUIDE REAMER	Used for reaming valve guides.
a ta			
a a a a a a a a a a a a a a a a a a a			
B2M3868			

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
	499817100	ENGINE STAND	 Stand used for engine disassembly and
B2M3869			 otania assembly. Used with ENGINE STAND ADAPTER RH (498457000) & LH (498457100).
	499977100	CRANK PULLEY	Used for stopping rotation of crankshaft pullev
B2M3870		WRENCH	Used for stopping rotation of crankshaft pulley when loosening and tightening crankshaft pulley bolts.
B2W3070	499987500	CRANKSHAFT	Used for rotating crankshaft.
B2M3871		SOCKET	
B2M3871	498547000	OIL FILTER	Used for removing and installing oil filter.
B2M3872		WRENCH	

GENERAL DESCRIPTION

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
	499497000	TORX PLUS	Used for removing and installing camshaft cap.
B2M3873			
D21VI3873	499587500	OIL SEAL	Used for installing front camshaft oil seal.
B2M3874		INSTALLER	
B2M3874	499587100	OIL SEAL	Used for installing oil pump oil seal.
B2M3875		INSTALLER	
B2INI3875	498277200	STOPPER SET	Used for installing automatic transmission
6 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	430211200	STOFFER SET	Used for installing automatic transmission assembly to engine.

		1	
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
B2M3876	24082AA150	CARTRIDGE	Troubleshooting for electrical systems.
	22771AA030	SELECT MONI- TOR KIT	Troubleshooting for electrical systems. • English: 22771AA030 (Without printer) • German: 22771AA070 (Without printer) • French: 22771AA080 (Without printer) • Spanish: 22771AA090 (Without printer)
B2M3877			

2. GENERAL PURPOSE TOOLS S103001A1702

TOOL NAME	REMARKS	
Compression gauge	Used for measuring compression.	
Tachometer (Secondary pick-up type)	Used for measuring idle speed.	
Timing light	Used for measuring ignition timing.	

E: PROCEDURE S103001E45

It is possible to conduct the following service procedures with engine on the vehicle, however, the procedures described in this section are based on the condition that the engine is removed from the vehicle.

- Timing Belt
- Valve Rocker Assembly
- Camshaft
- Cylinder Head

ME(H4)-21