LUBRICATION

SERVICE DATA

S506V-01

Oil pressure		at idle speed	29 kPa (0.3 kgf/cm^2, 43 psi) or more
		at 3,000 rpm	294 – 539 kPa (3.0 – 5.5 kgf/cm^2, 43 – 78 psi)
Oil pump	Tip clearance	STD	0.110 – 0.240 mm (0.0043 – 0.0094 in.)
		Maximum	0.30 mm (0.0118 in.)
	Body clearance	STD	0.114 – 0.219 mm (0.0057 – 0.0086 in.)
		Maximum	0.40 mm (0.0157 in.)
	Side clearance	STD	0.035 – 0.085 mm (0.0014 – 0.0033 in.)
		Maximum	0.15 mm (0.0059 in.)

TORQUE SPECIFICATION

SS05W-01

Part tightened		N·m	kgf·cm	ft·lbf
Drain plug x Oil pan		34.5	350	25
Oil pump cover x Oil pump		10	105	7
Plug x Oil pump		37	375	27
Oil pump (Timing belt case) x Cylinder block		22.5	230	17
Oil pump (Timing belt case) x Injection pump		20.5	210	15
Oil strainer x Cylinder block	Bolt	18	180	13
	Nut	21	210	15
Oil pan x Cylinder block		18	180	13
Oil pan x Oil pump (Timing belt case)		18	180	13
Oil pan x Rear oil seal retainer		18	180	13
Union for oil filter x Oil filter bracket		49	500	36
	Use SST	42	430	31
Oil filter bracket x Oil cooler		15.5	160	11
Oil filter bracket x Relief valve plug		36	370	27
Oil filter bracket x Union bolt		20	200	15
Oil filter bracket x Cylinder block		29.5	300	22