

## COOLING SYSTEM Specifications

Engine coolant capacity		See page <a href="#">A-2</a>		
Thermostat	Valve opening temperature	<b>86 – 90°C</b> <b>187 – 194°F</b>		
	Valve lift at 100°C (212°F)	<b>8 mm (0.31 in.) or more</b>		
Radiator	Relief valve opening pressure	STD	<b>0.75 – 1.05 kg/cm<sup>2</sup></b> <b>(10.7 – 14.9 psi, 74 – 103 kPa)</b>	
		Limit	<b>0.6 kg/cm<sup>2</sup></b>	<b>8.5 psi</b> <b>59 kPa</b>

## Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Drain plug	<b>350</b>	<b>25</b>	<b>34</b>
Water outlet x Water outlet housing	<b>80</b>	<b>69 in.-lb</b>	<b>7.8</b>
Water pump x Cylinder block 10 mm bolt head	<b>90</b>	<b>78 in.-lb</b>	<b>8.8</b>
12 mm bolt head	<b>195</b>	<b>74</b>	<b>20</b>

## LUBRICATION SYSTEM Specifications

Engine oil capacity		See page <a href="#">A-22</a>		
Oil pressure	at Idle speed	<b>0.3 kg/cm<sup>2</sup> (4.3 psi, 29 kPa) or more</b>		
	at 3,000 rpm	<b>2.5 – 5.0 kg/cm<sup>2</sup></b>	<b>36 – 71 psi</b>	<b>245 – 490 kPa</b>
Oil pump	Body clearance	STD	<b>0.105 – 0.175 mm</b>	<b>0.0041 – 0.0069 in.</b>
		Limit	<b>0.2 mm</b>	<b>0.008 in.</b>
	Side clearance	STD	<b>0.03 – 0.09 mm</b>	<b>0.0012 – 0.0035 in.</b>
		Limit	<b>0.15 mm</b>	<b>0.0059 in.</b>
	Gear backlash	STD	<b>0.5 – 0.6 mm</b>	<b>0.020 – 0.024 in.</b>
		Limit	<b>0.9 mm</b>	<b>0.035 in.</b>
	Relief valve operating pressure	<b>4.4 – 5.0 kg/cm<sup>2</sup></b> <b>63 – 71 psi</b> <b>431 – 490 kPa</b>		

## Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Engine oil drain plug	<b>350</b>	<b>25</b>	<b>34</b>
Oil pump strainer x Oil pump body	<b>80</b>	<b>69 in.-lb</b>	<b>7.8</b>
Relief valve x Oil pump strainer	<b>375</b>	<b>27</b>	<b>37</b>
Oil pump x Cylinder block	<b>220</b>	<b>16</b>	<b>22</b>
Oil pump strainer x Oil pump body	<b>130</b>	<b>9</b>	<b>13</b>
Oil pump outlet pipe x Oil pump	<b>350</b>	<b>25</b>	<b>34</b>
Oil pump outlet pipe x Union	<b>350</b>	<b>25</b>	<b>34</b>
Oil pan x Cylinder block	<b>130</b>	<b>9</b>	<b>13</b>