

4. Lubrication System

Service Information	4-1
Troubleshooting	4-2
Lubrication System Diagram	4-3
Oil Pump Removal/Installation	4-4
Oil Pump Disassembly/Assembly	4-6

Service Information

⚠ WARNING

- If the engine must be running to do some work, make sure the area is well ventilated. Never run the engine in an enclosed area. The exhaust contains poisonous carbon monoxide gas that can cause loss of consciousness and may lead to death. Run the engine in an open area or in an area with an exhaust evacuation system.
- Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

- The service procedures in this section can be performed with the engine oil drained.
- When removing and installing the oil pump use care not to allow dust or dirt to enter the engine.
- If any portion of the oil pump is worn beyond the specified service limit, replace the oil pump as an assembly.
- After the oil pump has been installed, check that there are no oil leaks and that oil pressure is correct.
- For oil pressure check, refer to section 4 of the Common Service Manual; for the switch location, see page 1-2 of this manual.
- For oil pressure warning light inspection, refer to section 25 of the Common Service Manual.
- For the oil drain bolt location, see page 3-3 of this manual.