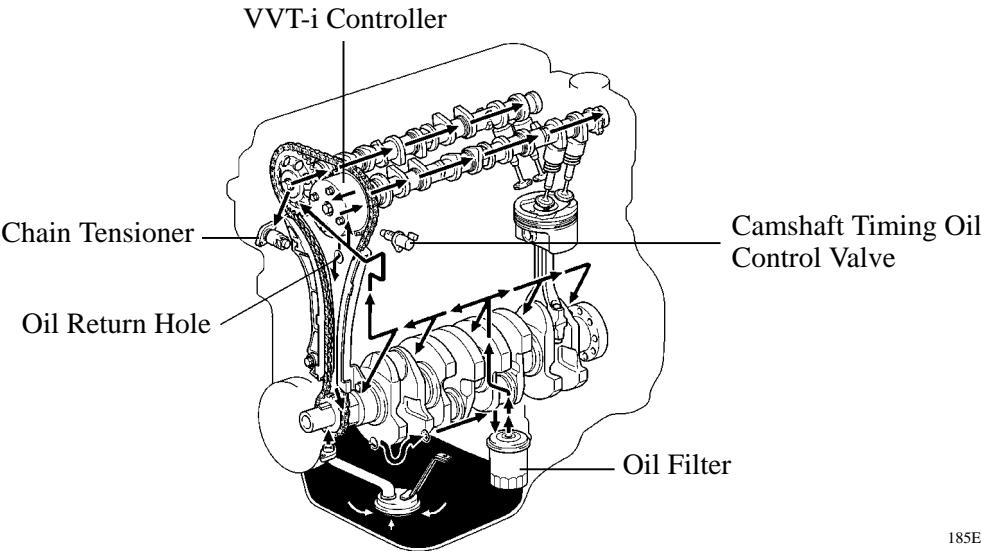


■ LUBRICATION SYSTEM

- The lubrication circuit is fully pressurized and oil passes through an oil filter.
- The cycloid gear type oil pump is driven directly by the crankshaft.
- This engine has an oil return system in which the oil is force-fed to the upper cylinder head and returns to the oil pan through the oil return hole in the cylinder head.
- The oil filter is attached downward from the crankshaft bearing cap to realize serviceability.
- The cylinder head is provided with a VVT-i controller and a camshaft timing oil control valve. This system is operated by the engine oil pressure.



► Oil Capacity ◀

	liters (US qts, Imp. qts)
Dry	4.2 (4.4, 3.7)
with Oil Filter	3.7 (3.9, 3.3)
without Oil Filter	3.5 (3.7, 3.1)

