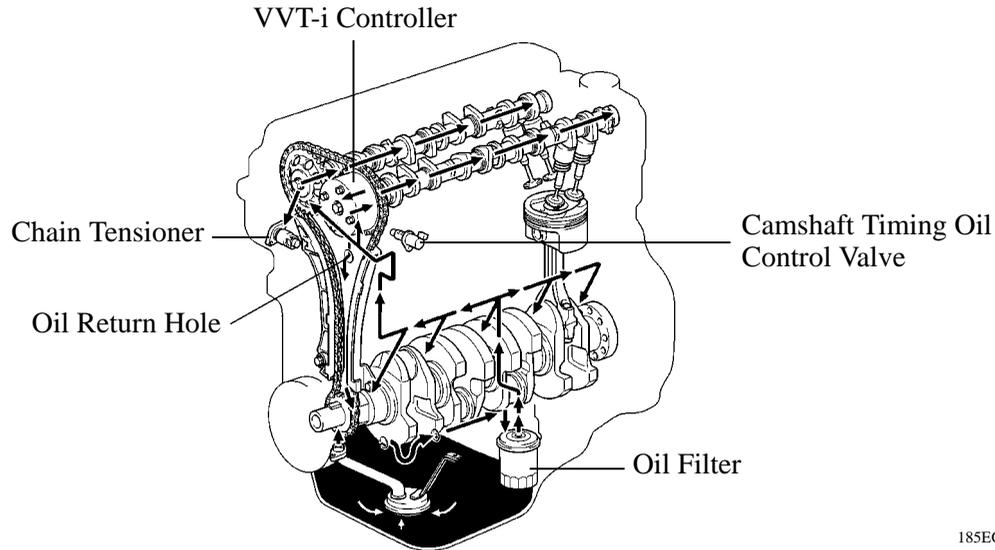


■ LUBRICATION SYSTEM

- 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.

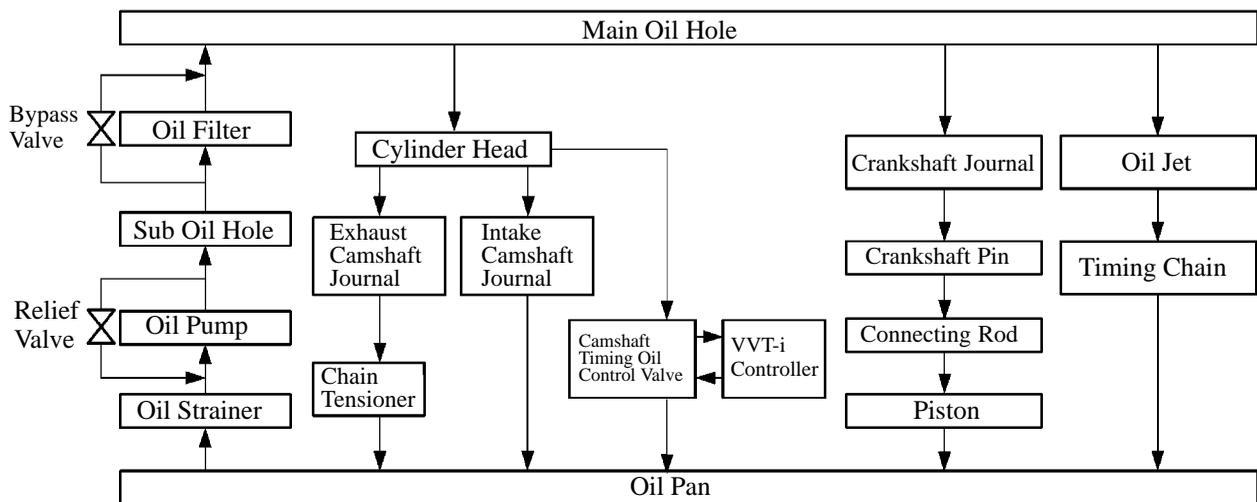


185EG34

► 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) |



216EG40