Construction Equipment

Document Title:	Function Group:	Information Type:	Date:	
Engine, description	210	Service Information	2014/11/13	
Profile:			- 15.7	

Engine, description

(CUMMINS C8.3-C)

- The engine is a 6-cylinder, 4-stroke, direct injected, turbocharged, water cooled assembly with a cast iron block and cylinder head.
- Gears in the engine gear case are hardened helical type for strength and reduced noise, arranged to provide quiet, smooth transmission of power.
- The cylinder block and head are designed with internal passages formed as sets for lubrication and cooling. The water pump and oil cooler are integrally mounted.
- . The fan belt is a poly type V-belt for improved performance and an auto tension adjuster maintains belt tension.

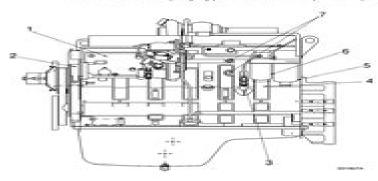


Figure 1 Engine, structure

- Fuel injection pump.
- Engine data plate
- Fuel feed pump
- Engine oil pressure sensor port (1/8" NPTF)
 - Fuel primary filter/water separator
- Fuel secondary filter
- Water inlet/outlet (1/2" NPTF)

Volvo Ec290 Excavator Service Repair Manual Instant

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