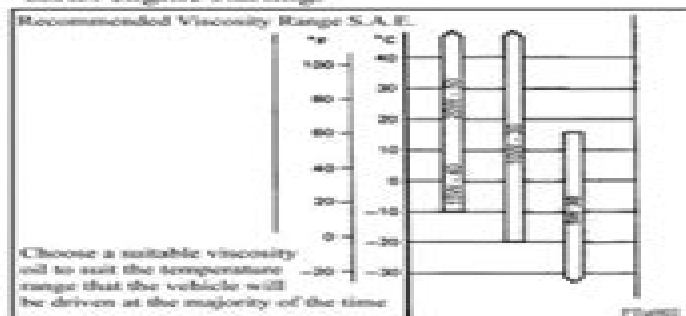


Oil Specification

www.elsevier.com/locate/jmb

V6 & 5.0 litre V8: Use classification SG or SH, viscosity grade 20w/50 for general use and high ambient temperatures. If using vehicle for prolonged periods in snow areas use viscosity grade of 15w/40, this will assist engine starting.



GenIII V8: Use classification SJ - GF2 viscosity grade 10w-30

Note: Use only low phosphorous engine oils or contamination of catalytic converter may result.

V6: SG or SH, viscosity grade 5W30.

GenII/IV: SJ, viscosity grade GF3 5W30 or 10W30

Oil Pressure

Check oil pressures with engine at operating temperature and oil at correct level on the dipstick.



1. Remove the oil pressure switch/gauge sender unit
2. Fit the oil pressure gauge adapter and pressure gauge
3. Start engine and allow to idle, check the pressure gauge reading and take note of pressure.



What I've Learned

1000

V6 & V6 Supercharged @ 1850 rpm.....	375 kPa
Ser I V8 @ idle - 500 rpm.....	48 kPa
Ser I V8 @ 2000 rpm.....	276-414 kPa
GenIII V8 @ 1,000 rpm.....	50 kPa (Min, Hot)
GenIII V8 @ 2,000 rpm.....	125 kPa (Min, Hot)
GenIII V8 @ 4,000 rpm.....	165 kPa (Min, Hot)
VZ:	
V6 @ Idle	69 kPa
V6 @ 2000 rpm	138 kPa
GenIII & GenIV V8 @1,000 rpm	45kPa (Min Hot)
@2,000 rpm	125kPa (Min Hot)
@4,000 rpm	165kPa (Min Hot)

COMPRESSION CHECK

Refer to appropriate Engine chapter for your specific vehicle for detailed procedures for performing engine compression check.

OIL FILTER

The oil filter should be replaced at the vehicles scheduled service intervals or when the engine oil is contaminated in any way.

Note: It is common practise to always replace the oil filter when the oil is changed.

Replacement Oil Filter - External

VT-VY - V8 & V8 models

1. Unscrew the oil filter with a suitable oil filter wrench, then remove and discard the filter
2. Make sure that the seal is fitted correctly in the recess in the new oil filter
 - a) Pour some clean engine oil into the filter, until level is approximately 2 cms below top of filter
 - b) Smear some engine oil over the filter seal
 - c) Screw the filter into place until the seal contacts mating surface of adaptor, then tighten through a further 2/3 of a turn.
3. Clean any excess oil from filter and adaptor

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Holden Commodore VT Automotive Repair Manual Larry Warren, John Harold Haynes, 1998-01-01 **Holden**
Commodore Automotive Repair Manual Tim Imhoff, John Harold Haynes, 1997 Commodore Series VL 3 0L 3 0L turbo 6
cylinder engines **Holden Commodore VE Automotive Repair Manual** Greg Williams, Chris Anderson, John Harold
Haynes, 2013 This is an automotive maintenance and repair manual for the Holden Commodore VE The book is suitable for
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