

TORQUE VALUES

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|---|--------------------------------|--------------------------------------|
| Oil drain bolt | 29 N·m (3.0 kgf·m , 22 lbf·ft) | |
| Oil filter boss | 18 N·m (1.8 kgf·m , 13 lbf·ft) | Apply a locking agent to the threads |
| Oil pump assembly flange bolt | 13 N·m (1.3 kgf·m , 9 lbf·ft) | CT bolt |
| Oil pump driven sprocket bolt | 15 N·m (1.5 kgf·m , 11 lbf·ft) | Apply a locking agent to the threads |
| Oil strainer nut | 12 N·m (1.2 kgf·m , 9 lbf·ft) | U-nut |
| Oil return pipe bracket bolt | 12 N·m (1.2 kgf·m , 9 lbf·ft) | CT bolt |
| Oil filter cartridge | 10 N·m (1.0 kgf·m , 7 lbf·ft) | Apply clean engine oil to the O-ring |
| Oil pressure switch | 12 N·m (1.2 kgf·m , 9 lbf·ft) | Apply sealant to the threads |
| Oil pressure switch wire terminal screw | 2 N·m (0.2 kgf·m , 1.4 lbf·ft) | |
| Oil pipe mounting bolt | 12 N·m (1.2 kgf·m , 9 lbf·ft) | Apply a locking agent to the threads |

TOOLS

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|-------------------------------|---------------|
| Oil pressure gauge | 07506-3000000 |
| Oil pressure gauge attachment | 07510-4220100 |
| Oil filter wrench | 07HAA-PJ70100 |

TROUBLESHOOTING

Engine oil level too low

- Oil consumption
- External oil leak
- Worn piston ring or incorrect piston ring installation
- Worn valve guide or seal

Low or no oil pressure

- Clogged oil orifice
- Incorrect oil being used

No oil pressure

- Oil level too low
- Oil pump drive sprocket broken
- Oil pump damaged (pump shaft)
- Internal oil leak

Low oil pressure

- Clogged oil strainer screen
- Oil pump worn or damaged
- Internal oil leak
- Incorrect oil being used
- Low oil level

High oil pressure

- Plugged oil filter, gallery, or metering orifice
- Incorrect oil being used