

JCB VMT160,VMT260 Roller Service Repair Manual





VMT160 VMT260 Tier 2 and Tier 4

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Maintenance](#)

[Section C - Electrics](#)

[Section E - Hydraulics](#)

[Section H - Steering](#)

[Section K - Engine](#)

[Section L - Vibration](#)



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Prepare the Machine

Park the machine on firm level ground, engage the parking brake and set the transmission to neutral. Lower the attachments to the ground and stop the engine.

Cleaning the Machine

Radiator and Intake Vent Plate

- 1 If the radiator tubes/fins become blocked the radiator will be less efficient.

Raise engine cover. ➔ [Engine Cover \(D 3-15\)](#). Blow out debris from the intake vent cover A and radiator B.

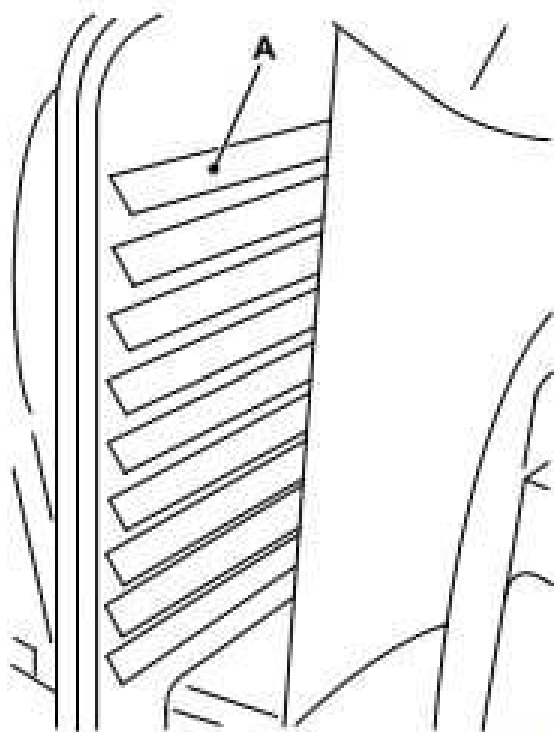


Fig 1.

V01800-1

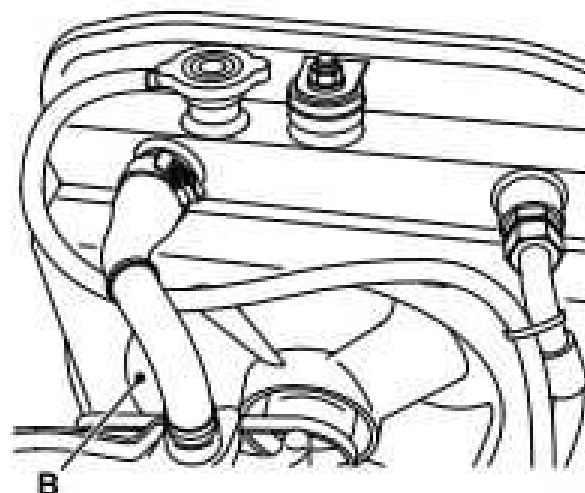


Fig 2.

V01800-1

Engine

- 1 Do not allow mud to build up on the engine. Pay particular attention to the exhaust area, remove all combustible material.

The engine or certain components could be damaged by high pressure washing systems, special precautions must be taken if the engine is to be washed using a high pressure system.

Do not attempt to clean any part of the engine while it is running. Stop the engine and allow it to cool for at least one hour.

- a Disconnect the battery.
- b Do not aim the jet wash directly at the fuel injector seals.
- c Do not wash any part of the:
 - i Fuel injection pump.
 - ii Electrical shut off solenoid (ESOS).
 - iii Electrical connections.
- d Ensure that the alternator, starter motor and any other electrical components are shielded and not directly cleaned by high pressure cleaning system.

Replace the Filter

- 1 Place a container of suitable size under the filter canister A. [⇒ Fig 18. \(D 3-32\).](#) [⇒ Fig 19. \(D 3-32\).](#) [⇒ Fig 20. \(D 3-32\).](#)

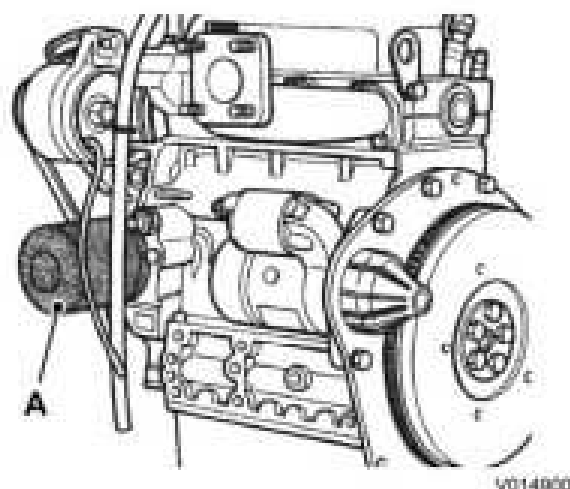


Fig 18. VMT160 Tier 2

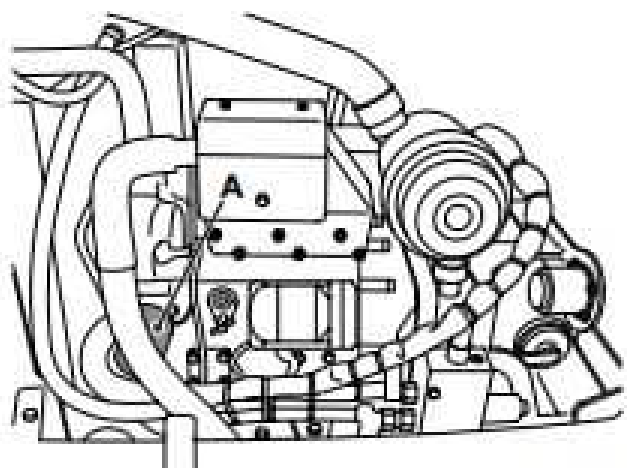


Fig 19. VMT160 Tier 4

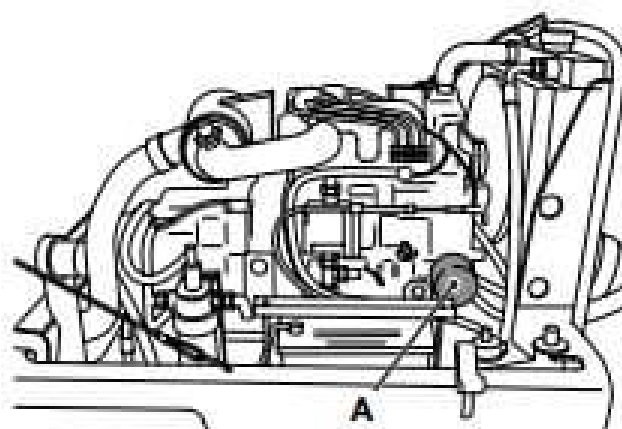


Fig 20. VMT260 Tier 4

- 2 Unscrew the filter canister A, use a chain wrench if necessary.
- 3 Clean the seal face of the filter head.
- 4 Fit the new oil filter canister A.
 - a Smear the seal on the new oil filter canister with clean engine oil.
 - b Screw the oil filter on until it just contacts the filter head.
 - c Turn the canister at least a further 3/4 of a turn.
- 5 Fill the engine crankcase through the oil filler point B with the recommended oil to the MAX mark on the dipstick. [⇒ Fig 14. \(D 3-29\).](#) [⇒ Fig 15. \(D 3-30\).](#) [⇒ Fig 16. \(D 3-30\).](#) Wipe off any spill oil, refit the oil filler cap and make sure it is secure.
- 6 Operate the engine until the oil pressure low warning light has extinguished. Check for oil leakage. Stop the engine and when the oil has cooled, check the oil level again, and if necessary top up with clean engine oil.
- 7 Close the engine cover. [⇒ Engine Cover \(D 3-19\).](#)



Thank you very much
for your reading.
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to get more information.