

2.2.4 Inspection every 250 hours or 3 months

Be sure to check the following points every 250 hours or 3 months operation, whichever comes first.

No.	Inspection Item
(1)	Lube oil and filter replacement
(2)	Radiator fin cleaning
(3)	V-belt tension check
(4)	Inspection and adjustment of governor lever and accelerator
(5)	Air cleaner cleaning and element replacement

(1) Lube oil and filter replacement (The second replacement and after)

Replace the engine oil every 250 hours operation from 2nd time and on. Replace the engine oil filter at the same time. Refer to 2.2.1.(1).

(2) Radiator fin cleaning



Beware of dirt from air blowing

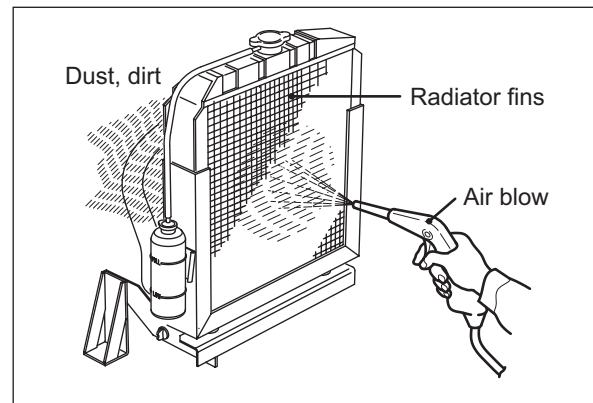
Wear protective equipment such as goggles to protect your eyes when blowing compressed air. Dust or flying debris can hurt eyes.

Dirt and dust adhering on the radiator fins reduce the cooling performance, causing overheating. Make it a rule to check the radiator fins daily and clean as needed.

- Blow off dirt and dust from fins and periphery with compressed air [0.19MPa (2 kgf/cm²) or less] not to damage the fins with compressed air.
- If contaminated heavily, apply detergent, thoroughly clean and rinse with tap water shower.

IMPORTANT:

Never use high pressure water or air from close by fins or never attempt to clean using a wire brush. Radiator fins can be damaged.



(3) V-belt tension check (The second time and after)

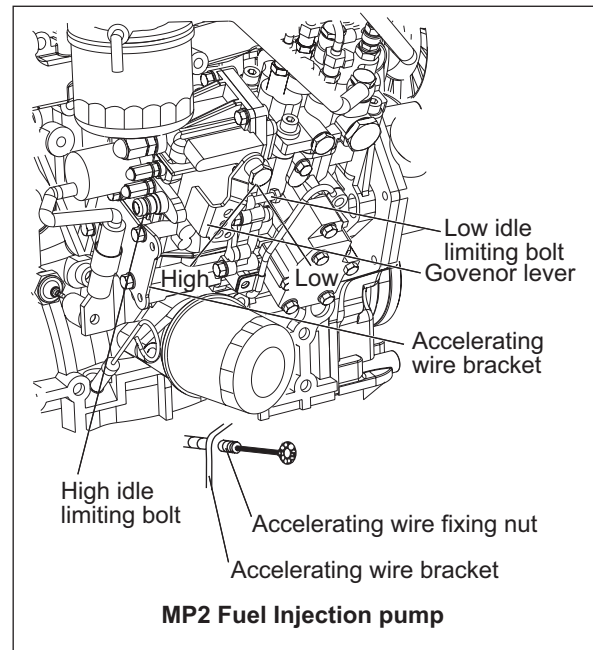
Check and adjust the V-belt tension. Refer to 2.2.2(2)

(4) Inspection and adjustment of governor lever and accelerator

The governor lever and accelerating devices (accelerating lever, pedal, etc.) of the machine unit are connected by an accelerating wire or rod. If the wire becomes stretched or the connections loose, the deviation in the position may result and make operation unsafe. Check the wire periodically and adjust if necessary.

Do not strongly move the accelerating wire or accelerating pedal. It may deform the governor lever or stretch the wire to cause irregular engine speed control. Checking and adjusting procedure are as follows.

- 1) Check that the governor lever of the engine makes uniform contact with the high idling and low idling limiting bolt when the accelerating devices is in the high idling speed or low idling speed position.
 - 2) If either the high or the low idling speed side does not make contact with the limiting bolt, adjust the accelerating wire.
- Loosen the accelerating wire fixing nut and adjust the wire to contact with the limiting bolt.



CAUTION

Never release the limiting bolts. It will impair the safety and performance of the product and functions and result in shorter engine life.

(5) Air cleaner cleaning and element replacement

CAUTION

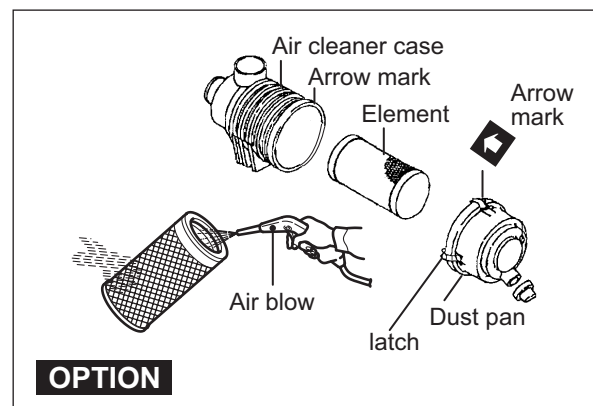


Beware of dirt from air blowing

Wear protective equipment such as goggles to protect your eyes when blowing compressed air. Dust or flying debris can hurt eyes.

The engine performance is adversely affected when the air cleaner element is clogged by dust. So periodical cleaning after disassembly is needed.

- 1) Undo the clamps on the dust pan and remove the dust pan.
- 2) Loosen the wing bolt on the element and pull out the element.



2. Inspection and adjustment

3) Blow air [0.29 to 0.49 MPa (3.0 to 5.0 kgf/cm²)] from inside the element to blow dust off as shown in the illustration right.

Apply the air blowing pressure as low as possible so as not to damage the element.

If having the air cleaner with double elements, never remove and clean the inner element.

The aim of installing the inner element is for back up protecting from intaking dust during engine running when leaving the outer element to reinstall after removing it or when damaging the outer element unexpectedly during engine running.

4) Replace the element with new one, If the element is damaged, excessively dirty or oily.

5) Remove the inside dust cover of the dust pan, and clean inside of the dust pan.

6) Reinstall the element with the wing bolt. (do not leave the gasket.) Reattach the inside dust cover to the dust pan and install the dust pan to the air cleaner case placing the TOP mark upward.

IMPORTANT:

- When the engine is operated in dusty conditions, clean the element more frequently.
- Do not run the engine with removed air cleaner or element, as this may cause foreign material to enter and damage the engine.

