

Note: Engine performance is adversely affected when the air cleaner element is clogged with dust. Be sure to clean or replace the air cleaner element periodically.

L48V Models

The L48V model engines use a "wet" type air filter element. The air filter element is sealed inside a metal housing and coated in a light coat of oil to help filter debris. This type of air filter element is **NOT WASHABLE** and should be replaced every 200 hours or earlier if found excessively dirty.

1. Remove the wing nut (**Figure 5-7, (5)**) and gasket (**Figure 5-7, (4)**).
2. Remove the air cleaner cover (**Figure 5-7, (3)**).
3. Remove the air cleaner element (**Figure 5-7, (2)**).
4. Visually inspect the element and determine if replacement is needed. If there is any doubt the element is usable, it should be replaced.
5. Clean the inside and outside of the air cleaner housing and cover (**Figure 5-7, (1, 3)**).
6. Reinstall (or install the new) air cleaner element (**Figure 5-7, (2)**) into the air cleaner housing.
7. Reinstall the air cleaner cover.
8. Reinstall the wing nut and gasket and hand-tighten. Over-tightening the wing nut will damage the air cleaner assembly.

Air Cleaner Element Part No.	
L48V	114250-12581

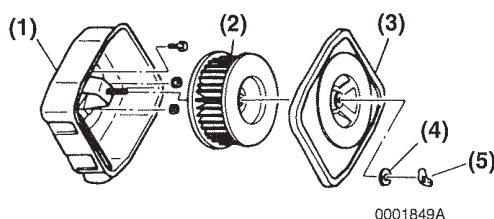


Figure 5-7

L70V and 100V Models

The L70 and 100V model engines use a "dry" type air filter element. The air filter element is an open paper type element. This type of air filter element should be cleaned or replaced every 200 hours or earlier if found excessively dirty.

1. Remove the wing nut (**Figure 5-8, (1)**).
2. Remove the air cleaner cover (**Figure 5-8, (2)**).
3. Remove the wing nut (**Figure 5-8, (3)**).
4. Remove the air cleaner element (**Figure 5-8, (4)**) and outer foam element (**Figure 5-8, (5)**).
5. Blow air through both elements using 42 - 71 psi (0.29 - 0.49 MPa, 3.0 - 5.0 kgf/cm²) compressed air to remove any debris. Blow air from the inside to the outside of the filter element using the lowest possible air pressure to remove dust without damaging the elements.
6. Check the condition of the air filter element by shining a flashlight from the backside of the air filter element. If light is not visible on the outside of the air filter element, replace the air filter element.
7. If either element is damaged, replace both of them. (They are not sold individually.)
8. Clean the inside of the air cleaner cover (**Figure 5-8, (2)**).

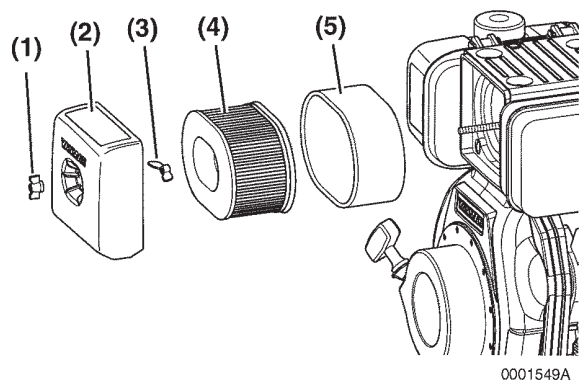


Figure 5-8

9. Reinstall the air cleaner element (**Figure 5-8, (4)**) into the air cleaner housing.

PERIODIC MAINTENANCE

10. Slide the outer foam element (**Figure 5-8, (5)**) over the air cleaner element (**Figure 5-8, (4)**).
11. Reinstall the wing nut (**Figure 5-8, (3)**) and hand-tighten. Over-tightening the wing nut will damage the air cleaner assembly.
12. Reinstall the air cleaner cover (**Figure 5-8, (2)**).
13. Reinstall the wing nut (**Figure 5-8, (1)**) and hand-tighten. Over-tightening the wing nut will damage the air cleaner assembly.

Air Cleaner Element Part No.	
L70V and L100V	114210-12590

Replace Engine Oil and Clean / Inspect Engine Oil Filter

CAUTION

- **ALWAYS** use only the engine oil specified. Other engine oils may affect warranty coverage, cause internal engine components to seize and / or shorten engine life.
- **ALWAYS** prevent dirt and debris from contaminating the engine oil. Carefully clean the oil cap / dipstick and the surrounding area before you remove the cap.
- **NEVER** mix different types of engine oil. This may adversely affect the lubricating properties of the engine oil.
- **NEVER** overfill. Overfilling may result in white exhaust smoke, engine overspeed or internal damage.

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