

FG110 AIR FILTER MAINTENANCE

The FG110 air filter is designed to prevent dust and dirt from entering the engine. The tiller's rotating tines stir up a lot of dust and if this dust is allowed to enter the engine, rapid and severe engine wear will occur. Properly maintaining the air filter is one of the most important things you can do to ensure long life from your Honda tiller. Follow the steps below to ensure your air filter functions properly.

We suggest you wear latex gloves or equivalent to protect your skin while handling the air filter.

1. Check the air filter before each use.

Remove the air filter cover and check the carburetor intake and foam element for dirt. If you notice any dirt in the carburetor intake or if the foam is dry or dirty, continue with step 2 below to clean the air filter. Otherwise, carefully reinstall the cover, making sure it's firmly latched in place.

2. Carefully remove the foam air filter element. Be careful not to allow dirt to enter the carburetor.



3. Clean the foam air filter element and plastic air filter cover in warm soapy water (use dish soap), rinse, squeeze out the excess water, and allow the parts to completely dry. Inspect the foam element for damage. If it's torn, cut, or deteriorated, it must be replaced. You can purchase a replacement from your local Honda Power Equipment dealer.

Replacement Air Filter Element

Part Number: 17211-Z0H-800



4. Apply Honda Air Filter Oil to the filter element. This is an important step—if the air filter is installed dry, dust will pass through the foam and damage the engine. Honda Air Filter Oil is super tacky and designed to prevent dust from passing through the foam. It is available from your local Honda Power Equipment dealer.

Honda Air Filter Oil (4 oz. bottle)

Part Number: 08207-MTL-100



5. Place the foam air filter element in a plastic re-sealable sandwich bag and pour about 1 oz. (1/4 of a bottle) of Honda Air Filter Oil on the foam filter in the bag. Seal the bag closed and thoroughly knead the bag for one minute or longer until the oil is completely distributed into the foam filter. Squeeze the bag one last time to remove the excess oil, and then remove the foam filter from the bag.



6. Wipe away any dust from around the carburetor intake and carefully reinstall the air filter element. Be sure each of the three pegs on the air filter case fits into the corresponding hole in the air filter. Double check your work. If the filter is not properly installed, dirt will bypass the air filter and cause rapid engine wear.



7. Reinstall the air filter cover. Make sure the bottom hooks are properly engaged and the top latch is firmly locked in place.



After installing the filter, check the tine installation. If the outer tines are installed incorrectly an excessive amount of dirt will be thrown directly against the air filter, causing it to clog rapidly. Check the tine installation while standing in front of the tiller. The installation should appear exactly as shown below. All tines **MUST** face inward.

CORRECT INSTALLATION
(Viewed from the front)



Leading edges of all tines slant upward

All tines **MUST** face inward

INCORRECT INSTALLATION
(Viewed from the front)



Outer tines must **NOT** face outward