

TECH TIPS

AIR FILTER SERVICE

Reduce Contamination When Changing Filters.

Proper air system maintenance is a key factor in prolonging the life of your investment. While the air filter itself is designed to remove damaging contaminant particles from the air stream, improper servicing of the air system can still allow contaminants to enter the engine. Here are a few “do’s and don’ts” to follow when servicing the air system:

Do...

- Make sure the ignition is turned off.
- Wipe dust from the housing cover.
- Use a clean, moist cloth to wipe out the housing and housing gasket sealing area. Wipe away from the engine air inlet.
- If applicable, leave the inner (or safety) element in place and inspect for dust. The intent of the inner element is to protect the engine from contaminant entry when the outer air element is being serviced. The inner element should be replaced every 3rd to 5th time the outer air filter is replaced.
- Inspect the new filter for damage.
- Inspect the housing cover gasket and replace if necessary.
- Inspect all hoses, clamps and fittings. Tighten if necessary.

Don't...

- Remove the filter element for inspection only. Visual inspection is not typically an indicator of a plugged air filter. The more frequent the filter is removed, the greater the chances are of contaminants becoming dislodged from the filter and entering the air intake. Air filter service using an air restriction gauge is the best indicator of when the air filter needs to be replaced.
- Jar or bump the filter when removing.
- Wipe toward the engine air inlet.
- Use a damaged filter or one that does not fit properly.