

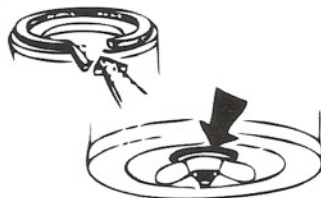
# Beware air-borne contaminants

**Many** customers are not necessarily aware of good filtration maintenance and service. Filter maintenance awareness will extend equipment life and reduce a customer's downtime. If an operator is experiencing problems with airborne contaminants entering the engine, follow the steps below:

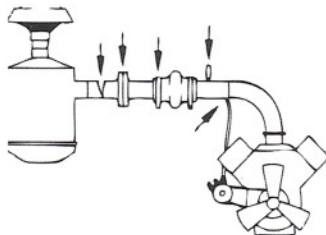
A. Check to make sure the element has not been damaged in handling. Examine for dents and holes.



B. Check to make sure all gaskets are sealing properly. Examine for dust trails, which indicate leaks. Make sure the wing nut is tight.

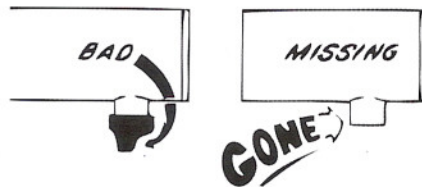


C. Examine the clean air transfer tubing for cracks, loose clamps, or loose flange joints.



D. Check air compressor connections (if used) to be certain these are leak-free.

E. Check the vacuumator valve. If it's cracked, torn, remains open or is missing, dust particles that are normally expelled can deposit themselves onto the filter and will shorten air filter service life – replace it!



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