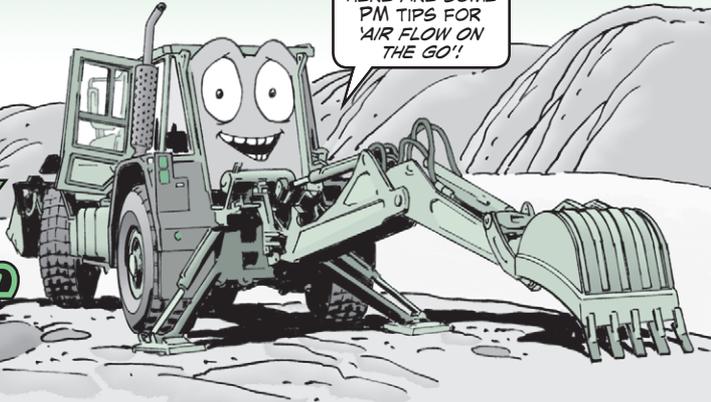


Air Flow on the Go!



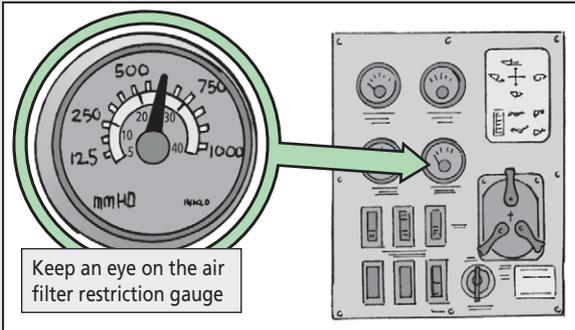
HERE ARE SOME PM TIPS FOR AIR FLOW ON THE GO!

The new interim high mobility engineer excavator (IHMEE) is a real workhorse for excavating, moving and dumping dirt and sand at the worksite.

To keep your IHMEE on the job, get real familiar with TM 5-2420-230-10. You can find it on LOGSA's ETM site if your copy grew legs. Also heed these PM tips for smooth airflow through the excavator's air filters.

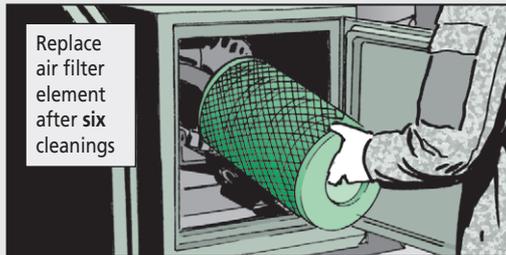
Air Filter Brushoff

A clean air filter element is crucial in dusty and sandy areas. Keep an eye on the air filter restriction gauge. It's located on the dash board. If the gauge reads above 25 in H₂O (625 mmH₂O), it means the air filter element is dirty and needs to be cleaned.



Keep an eye on the air filter restriction gauge

Your mechanic will use low-pressure air—30 psi or less—from inside to outside to loosen dirt and sand from the filter element. Never bang the element on a hard surface. That damages it. Replace the element once a year, or after six cleanings.



Replace air filter element after six cleanings

Squeeze the dust and sand out of the dust cap on the bottom of the air filter element canister. Do this before the day's run.

Also, make sure the cap is in place on the canister. It has a bad habit of getting knocked off when the air hose or tools are removed from the canister's storage compartment.

Dust Bowl Precleaner

The dust bowl precleaner collects fine dust before it gets into the cab air system's air filter element. It's located on the back of the excavator's curbside rear fender.

Remove the precleaner lid by unscrewing the wing-nut. Use a clean rag to wipe out dust and sand that collects inside the precleaner.



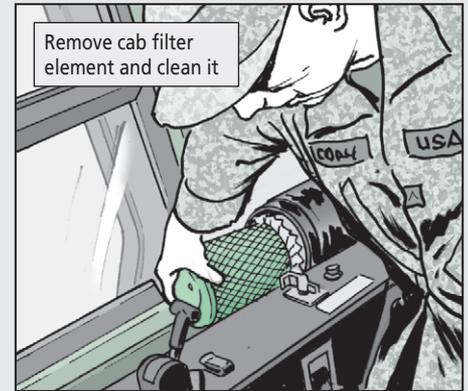
Wipe dust out of precleaner

Cab Air System

The filter element for the cab's air system is located next to your right elbow while sitting in the driver's seat.

Most of the time, the air system keeps clean air circulating inside the cab, no matter how dusty the worksite is.

But a loss of fresh air inside the cab is a signal for you to remove the filter element to see if it's clogged with dust and sand. If so, clean it with low-pressure air, blowing from the inside to the outside.



Remove cab filter element and clean it

REMEMBER... FOR A SMOOTH AIRFLOW, DO YOUR PROPER PM ON THESE FILTERS!

