

M88A1 Recovery Vehicle...

DIRTY FILTERS ARE A NO-GO

WHAT'S WRONG? WE'VE GOT A RECOVERY MISSION TO COMPLETE!

COUGH COUGH IF YOU DON'T CLEAN OUT MY AIR FILTERS...

... I'M GONNA NEED SHACKS RECOVERING!

KROFF HACK HACK

Keeping your M88A1 gulping clean, fresh air is a tough job in the desert. All that sand and dust will plug the air filter faster than you might think.

That means you'll need to pull and clean the filter as often as possible. If you don't, pretty soon it'll be your recovery vehicle that needs recovering.

Shake It Out

Sometimes you only have a few minutes between missions. But even that's long enough to shake some of the sand out of the air filter.

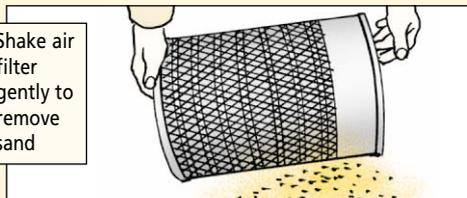
Pull the filter from the canister and shake it gently. Then tap the sides with your hands to remove sand and dirt. Never hit the element against a hard surface. That'll ruin it.

After reinstalling the filter, take a look at the dust cover before you lock it in place. Sand has a tendency to get underneath the baffle, NSN 2940-01-378-9374. If you don't get it out, that sand falls right back into the air filter.

Unscrew the wing bolt in the center of the baffle and remove it. Pour out any accumulated sand and then wipe the inside of the dust cover with a clean, water-dampened cloth, NSN 7920-00-205-3570.

Make sure there's a washer, NSN 5310-01-378-8714, under the wing bolt when you put the baffle back in place. That keeps the baffle from vibrating loose.

Shake air filter gently to remove sand



Sand gets under dust cover baffle



Use damp cloth to wipe out inside of dust cover



Blow It Out

A better way to clean the air filter is with compressed air. So if you have a little more time and an air hose is available, go this route.

When using compressed air, it's a must to wear goggles and gloves for protection.

Once you're ready, use the air hose to blow from the inside out to remove sand. Keep the air pressure at 30 psi or less to avoid tearing the filter.

Blow out filter from inside out



Wash It Out

For more stubborn problems like heavy dirt, carbon or oil deposits, wash the filter element and use it again. Here's how:

1. Gently rinse away dust and sand from the filter element with clean, low-pressure (no more than 10 psi) water.
2. Soak the filter element in lukewarm water using general purpose detergent, NSN 7930-00-282-9699. Follow the instructions that come with the detergent. Use a container large enough to completely submerge the filter element.
3. Very gently agitate the filter while it's still in the water.
4. Rinse the filter element with clean, low-pressure water from the inside out.
5. Set the filter aside in a dust-free area to dry completely.
6. After the filter element is dry, shine a flashlight from inside the element and look for tears or holes. If you spot any, scrap the filter. Holes can let dirt and sand directly into the engine.

Before reinstalling the filter element, wipe the inside of the air filter housing with a clean, water-dampened cloth.

Air filters can only be washed twice. When it gets dirty enough for a third washing, replace it.