

Fuel Cap PM Key to Smooth Running

Your M113-series carrier is a reliable workhorse, but only if you take good care of it. That means paying special attention to the fuel system.

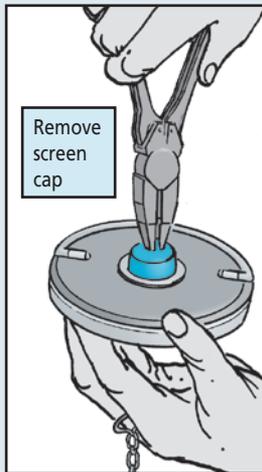
Dirt, sand and other contaminants can land your vehicle in the repair bay if you're not diligent about PM on every component of the fuel system, including the fuel cap, NSN 5342-01-083-5674.

If you forget to clean the screen cap and rubber vent grommet on top of the fuel cap, the cap gets plugged with dirt, creating a vacuum and causing fuel flow problems. So clean the cap and grommet every six months—more often in dusty or sandy environments.

HERE'S HOW TO INSPECT AND CLEAN THE CAP AND GROMMET...

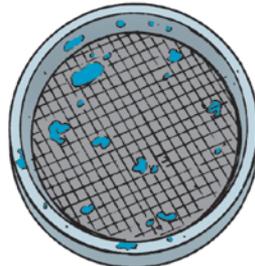


1. Grip the tang in the center of the fuel cap with a pair of pliers and pull the screen out.



2. Take a close look at the grommet in the fuel cap. If it's damaged, replace the entire fuel cap.

3. Clean the screen cap with dry cleaning solvent.



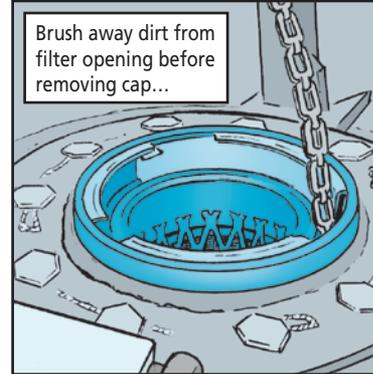
UH-OH! YOU'RE NOT RUNNING GOOD... WHAT'S UP?

EHH... A LACK OF FUEL CAP PM HAS ME DOWN.

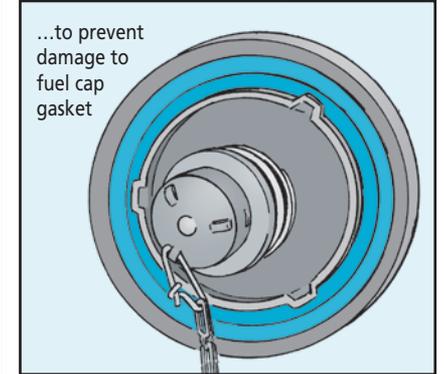
Then check underneath the bottom of the fuel cap. Dirt and sand can collect around the filler neck, keeping the cap from screwing on properly. That can bend the metal lip inside the fuel tank opening, which can damage the gasket on the underside of the fuel cap.

Before you open the fuel cap, make sure to brush away any dirt or sand first. And then make sure the filler neck area is clean before closing the fuel cap.

Brush away dirt from filler opening before removing cap...



...to prevent damage to fuel cap gasket



Pull out the fuel strainer inside the filler neck before screwing the fuel cap back into place. If the strainer is clogged with sediment, clean it with solvent and inspect the strainer for cuts or tears.

Check strainer for damage after cleaning



If you find damage, replace the strainer using NSN 4730-00-701-3921.

FOLLOWING THESE STEPS WILL KEEP YOUR FUEL SYSTEM RUNNING STRONG...

...AND CONTAMINANT FREE!

