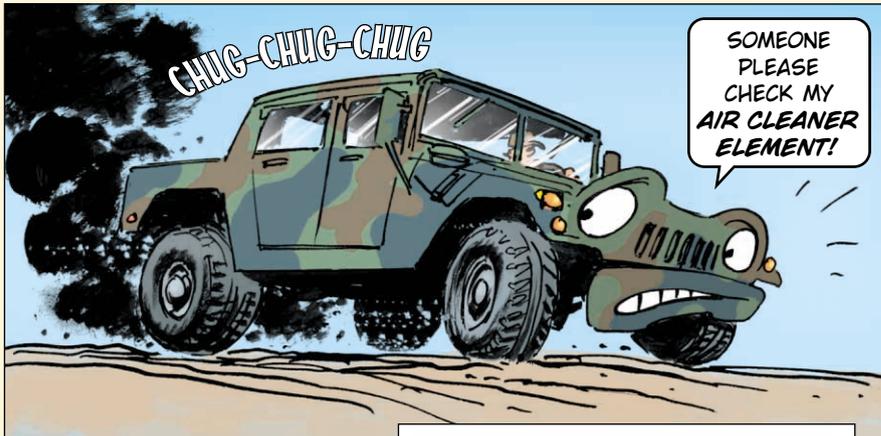


Air Gauge

Function Check

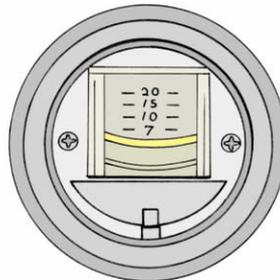


Dear Editor,

A HMMWV driver gets a view of the condition of the truck's air cleaner element every time he eyeballs the air restriction indicator while the engine is running.

If the indicator never moves, though, is it working right, or at all?

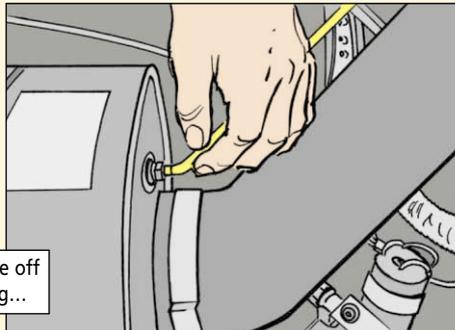
Does this gauge move?



Here's a quick function check a mechanic can perform by using the oil sample vampire pump:

1. Pull the restriction gauge air line off the air filter housing.
2. Place the air line in the side of the pump that normally holds the sample bottle, using the four fingers of your hand to help seal the pump opening. Put your thumb over the other pump opening.

Pull line off housing...

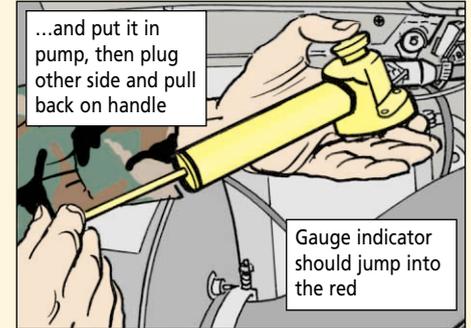


Function Check

3. Pull back on the pump handle while someone else watches the restriction gauge in the cab. If the gauge and hose are working right, the gauge indicator will jump into the red range.

If the indicator doesn't jump into the red, there's a problem with the air hose or the indicator. Check the hose first for holes or poor connections. If the hose is bad, replace it. If the hose is good, replace the gauge.

CW2 James Shoebridge
709th MP Bn
Camp Bondsteel



DUMP VALVE SERVICING

Has your HMMWV done time in sand, mud or water lately? Probably so, since the truck can go just about anywhere you want to take it.

If you've been there and done that, did you also service the air cleaner dump valve afterward?

Seems that not a lot of folks even know where the dump valve is located, much less service it when needed. They need to look at Para 3-16, Page 3-21, of TM 9-2320-280-10.

All you have to do is squeeze the dump valve to clear any sand, mud or water from the air cleaner assembly. Left in there, the stuff can clog up the filter element and starve the engine of clean air.

So where is the dump valve? It's under the air cleaner assembly, behind a baffle that protects the air cleaner from road debris. Reach a hand under there and give it a squeeze.

Squeeze dump valve to release dirt, mud, or water from air cleaner assembly

