

Engine Flushing and the IPAS

IT'S THAT TIME AGAIN!

YEAH, I COULD USE A GOOD ENGINE FLUSH JUST DON'T FORGET THE IPAS!



Mechanics, you wouldn't think an engine flush could cause problems, right? But if you ignore any part of the flushing procedures spelled out in TM 1-1520-Longbow/Apache, you can experience engine and/or other problems.

An engine flush is required every 125 hours. That's good for the engine. But if you forget to disconnect the integrated pressure air system (IPAS) high pressure line from the engine before flushing, it could be a long day.

Forgetting to unhook the high pressure line could set up your IPAS system for trouble. Engine flush cleaning solvent sent through the high pressure line will drain from the engine and into the IPAS system. The engine cleaning solvent is corrosive and can cause damage to the pressure regulator, pressure relief valve, and IPAS lines. Eventually, cleaning solvent can work its way into the backside of the primary and utility manifolds. Then the hydraulic system will be in harm's way.

When the high pressure IPAS line is disconnected from the engine, the cleaning fluid is able to drain out of the engine properly.

ONCE YOU HAVE REMOVED THE HIGH PRESSURE IPAS LINE, FOLLOW THE FLUSHING PROCEDURES SPELLED OUT IN TM 1-1520-LONGBOW/APACHE OR CHAPTER 7 OF TM 1-2840-248-23.

