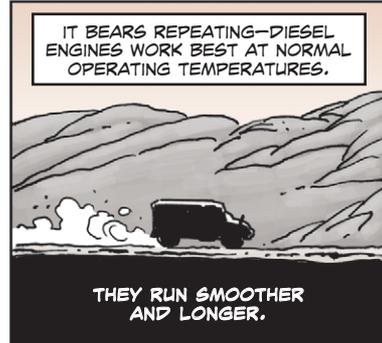
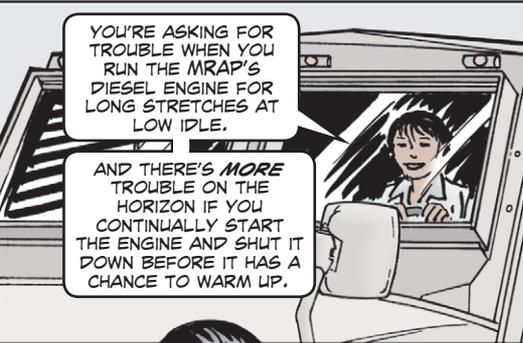
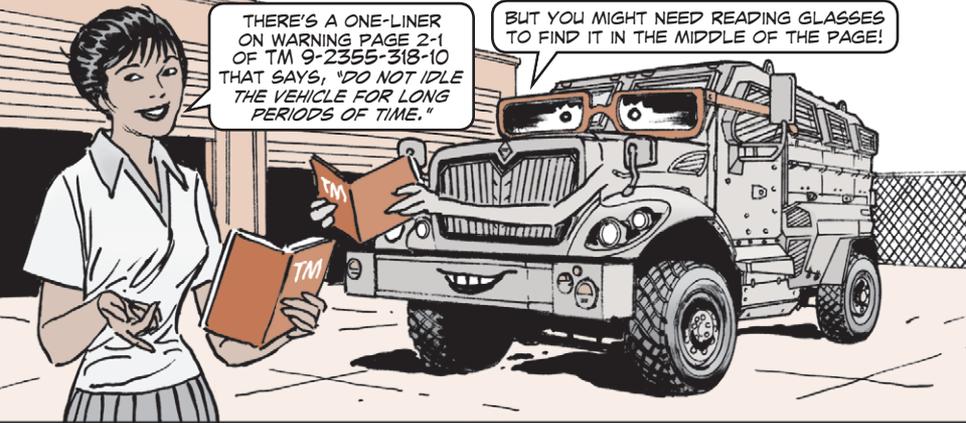
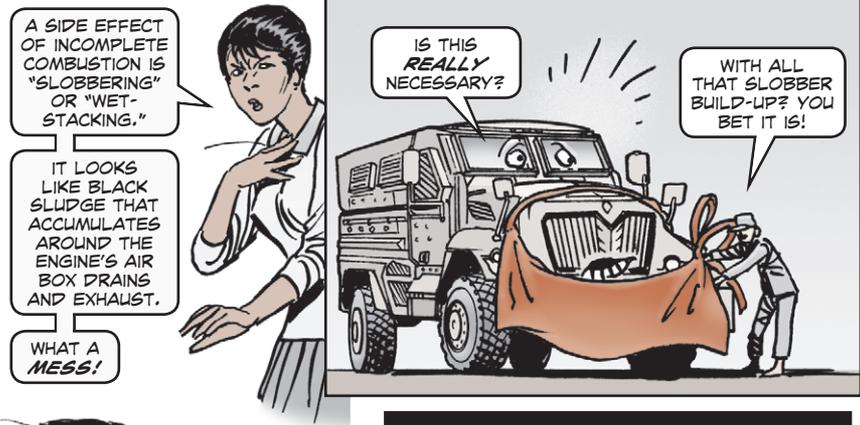


# Avoid Long Engine Idle



- Fuel and oil are not completely burned in the combustion chambers, leaving carbon deposits on the engine's valve, resulting in burned valves and bent push rods.
- Condensation and unburned fuel—known as blowby—gets past the pistons and into the crankcase. That blowby in the crankcase mixes with oil to make acid and sludge.
- Engine oil breaks down. Poor lubrication burns up bearings.
- Sludge blocks lube passages. Oil can't get through to do its job, so heat and friction tear up your engine.



- IF YOUR VEHICLE'S ENGINE IS SLOBBERING, YOU'RE **NOT** OPERATING IT RIGHT.
- HERE'S WHAT TO KEEP IN MIND **BEFORE** THE DAY'S RUN...

- Avoid idling the engine for longer than 5 minutes when possible. If you have to idle for longer than 5 minutes, make sure the engine rpms have stabilized before you do the following steps to raise the idle speed or increase engine rpms:
  - Set the parking brake
  - Start the vehicle in neutral
  - Press the cruise control button on
  - Press the resume/accel button repeatedly until the tachometer reads 1,200 rpm
  - If needed, press the set/cruise button to lower the engine's rpms, or depress the brake pedal to resume normal idle

