



VEHICLE MAINTENANCE CHECKLIST

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VEHICLE MAINTENANCE CHECKLIST

AT EXPEDITION OVERLAND WE TREAT OUR VEHICLES LIKE ANY GOOD PILOT WOULD TREAT HIS OR HER AIRPLANE BY CARRYING OUT PRE-'FLIGHT' CHECKS REGULARLY. WE'VE CAUGHT PLENTY OF MINOR ISSUES, WITH THE POTENTIAL OF BECOMING MAJOR ONES, JUST BY BEING PROACTIVE. IF YOU'RE WILLING TO BE CONSISTENT, REGULAR DAILY, WEEKLY AND MONTHLY VEHICLE CHECKS WILL BECOME INSTINCTUAL IN NO TIME.

DAILY WALK-UP INSPECTION LIST

- Approach from the side, observing beneath the vehicle.** Do you notice any drips? If yes, chase down the cause and fix.
- Look at the paint and the wheels.** Look for oil splotches on the surface of the paint. As oil droplets hit the wind they are broken up into particles, eventually hitting your back tailgate. These splotches are a tell tale sign of 'dripping while driving.'
- Observe your CV boots.** This flexible rubber boot is a common place for failure at any given time, especially on a lifted vehicle.

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WEEKLY INSPECTION LIST

- Pop the hood!** We take a hands-on approach by wiggling, touching and observing a cool engine. These preventative measures will address failure points before they fail.
- Clean your air filter by blowing on it or gently knocking it on the ground.** Ensure you've replaced it securely.
- Check fluid levels.** Is your windshield washer fluid, coolant and transmission fluids topped up? Note that fluid levels in an automatic transmission need to be checked when the engine is running.
- Inspect hoses and clamps.** Check for stiffness, cracks, areas of fatigue and missing clamps. Are the hoses routed in their proper clips?
- Look over main battery connections.** Confirm that the battery terminals are tight and free of corrosion. Over time, vibrations can result in internal battery failure.
- Watch for uneven tire wear** in order to catch a bad alignment sooner rather than later. This occurs more frequently on the front tires. Check this once per month if you have a dedicated off-road vehicle that isn't your daily driver.
- Check those lug nuts!** Before it fails, a nut will loosen. These are worth checking on a daily basis if you are on a long-term overland trip, saving you from a catastrophic accident.

MONTHLY INSPECTION LIST

- Grab the 9 o'clock and 3 o'clock positions of each tire** and shake back and forth. Feeling unusual movement or clunking sounds can be a sign of bad tie-rod ends, steering components or loose connections.
- Grab the top of each tire and shake back and forth.** A knocking sound might indicate a bad ball joint or a worn wheel bearing.
- Physically crawl underneath your vehicle and take a peek.** Shake stuff. Are the brackets okay? Are there any cracked or split rubber components? Any missing bolts? Does anything look bent? Is there any mud trapped where it shouldn't be? Is there any grass trapped that could potentially cause a fire? If you have a skid plate, is it clean on top?
- Check the wiring.** Are there any wires that are overheated, dried or cracked?

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