

Class A diesel pusher maintenance schedule

The bus-style motorhome with a rear diesel engine. This covers the diesel chassis, the generator and the house. 54 tasks: 24 chassis, 30 house.

9 monthly **7** every 3 months **10** every 6 months **13** yearly **1** every 2+ years **10** by mileage **2** by hours
2 seasonal

CHASSIS 24 TASKS

TASK	HOW OFTEN	NOTES	SOURCE
Engine oil & filter	Every 15,000 mi	15W-40 CK-4 (Cummins CES 20081) — or annually; severe RV duty	Cummins ISL9 maintenance manual
Fuel filter — primary	Every 15,000 mi	Chassis filter w/ water separator — also change on 'water in fuel' alert	Cummins ISL9 maintenance manual
Fuel filter — secondary	Every 15,000 mi	Engine-mounted fine filter — service with the primary	Cummins ISL9 maintenance manual
DEF level	Every 3 months	Refill before low-DEF derate — API-certified DEF only (SCR)	Cummins aftertreatment guide
DPF ash service	Every 150,000 mi	Cummins-cleaned; RV low-load duty shortens it — watch the dash, don't wait for miles	Cummins L9 quick reference
Engine air filter	Every 15,000 mi	Filter-Minder restriction gauge is the real trigger — this is the fallback	Cummins ISL9 maintenance manual
Coolant condition test	Yearly	Refractometer + nitrite/SCA test yearly; OAT/ELC replace ~5 yr / 150k mi	Cummins ISL9 / iRV2
Valve lash adjustment	Every 150,000 mi	Or 48 months — Cummins ISL set at 150k mi	Cummins ISL9 maintenance manual
Transmission fluid & filter	Every 25,000 mi	Allison 3000 — TES 389 fluid: 25k/1 yr. TES 295/668 synthetic + HC filters: 75k/3 yr	Allison 3000 MH operator manual
Serpentine belt	Every 60,000 mi	Inspect each service for cracks / glazing; replace on condition	FCCC chassis manual / iRV2
Air dryer cartridge	Every 3 years	Haldex/PURest: 3 yr / ~45k mi (older Midland: 18 mo)	Freightliner chassis maintenance manual
Drain air tanks	Monthly	Bleed condensate monthly (more in humid climates); check auto-drain valve	iRV2 air-brake consensus
Air brakes & slack adjusters	Every 5,000 mi	Lube slack adjusters on the lube interval; full air-brake inspection annually	Air-brake service guide
Chassis lube (zerk fittings)	Every 5,000 mi	Kingpins, tie-rod ends, driveline U-joints, slip yoke — NLGI-2 EP grease	FCCC RV chassis manual
Front-end alignment	Yearly	Annually or on uneven front-tire wear	FCCC / iRV2
Steering & suspension check	Yearly	Tie rods, drag link, steering gear, air bags & leveling valves	FCCC RV chassis manual
Tire pressure & wear	Monthly	Set cold to weighed axle load — never sidewall max	Michelin RV tire guide
Tire age check	Yearly	Replace at 6–7 yr from DOT date regardless of tread	Michelin / RVSEF
Wheel lug re-torque	Yearly	Steel budd wheels torque high (~450–500 ft-lb) — re-torque ~50–100 mi after any wheel-off	FCCC chassis manual
Chassis battery	Every 6 months	Terminals, charge, hold-down; load-test annually	FCCC RV chassis manual
Generator oil & filter	Every 150 hours	Onan QD diesel — 150 hr or annually	Onan QD operator manual
Generator air filter	Every 150 hours	Inspect at each oil change; replace on restriction	Onan QD operator manual
Generator exercise	Monthly	Run 1–2 hr under 50%+ load monthly — even off-season	Onan QD operator manual
Hydraulic leveling jacks	Every 6 months	Fluid level, hoses, rams (HWH / Power Gear / Lippert)	HWH / Power Gear manual

HOUSE 30 TASKS

TASK	HOW OFTEN	NOTES	SOURCE
Roof seal inspection	Every 3 months	Dicor lap sealant — all seams & penetrations	Dicor / RVIA
Roof full reseal	Yearly	Self-leveling on top, non-level on sides	Dicor / RVIA
Black tank flush	Monthly		iRV2 community consensus
Gray tank flush	Monthly		iRV2 community consensus
Tank sensor clean	Every 3 months	Restores accurate level readings	iRV2 community consensus
Fresh water sanitize	Every 6 months	¼ cup bleach / 15 gal, then flush	RVIA / CDC potable water
Water pump & strainer	Every 6 months	Clean inlet strainer, check for leaks	iRV2 community consensus
Water filter cartridge	Every 6 months	Replace inline / canister element	Filter mfr guidance
Water heater anode rod	Yearly	Suburban only — replace when >50% gone (Dometic/Atwood have none)	Suburban WH manual
Water heater flush	Every 6 months	Drain & rinse sediment	Suburban WH manual
Propane leak test	Every 6 months	Soapy water or manometer drop test	NFPA 1192 / RVIA
Propane regulator	Yearly	Inspect — replace every 5–10 yr	NFPA 1192 / RVIA
CO / LP detector	Monthly	Test monthly — replace 5 yr from power-on (UL 1484/2034)	MTI Industries / RVIA
Smoke detector	Monthly	Test monthly, battery yearly, replace per unit date	NFPA / RVIA
Fire extinguisher	Yearly	Check gauge & pin; shake dry-chem; recharge/replace	NFPA / RVIA
Slide-out seal lube	Every 3 months	Dry lube + 303 on seals	Lippert service
Slide-out mechanism	Every 3 months	Lube rails / gears, inspect rollers	Lippert service
House battery bank	Every 3 months	Flooded: water level + charge; check connections	iRV2 community consensus
Inverter / converter	Every 6 months	Check output, vents, connections	iRV2 community consensus
Awning fabric & arms	Every 6 months	Clean, inspect, lube arms	iRV2 community consensus
Refrigerator service	Yearly	Clean burner & flue, check cooling (absorption)	Dometic / Norcold
Furnace service	Yearly	Clean burner, blower, ducts; check sail switch	Suburban / Atwood furnace
Roof A/C filter	Monthly	Clean return filter while in use	Dometic / Coleman A/C
Roof A/C coil & shroud	Yearly	Clean coils; inspect gasket & shroud	Dometic / Coleman A/C
Roof vent / fan	Yearly	Clean fan, lube, check lid seal	iRV2 community consensus
Window & door seals	Every 6 months	Inspect & treat with 303	iRV2 community consensus
GFCI & 120V outlets	Every 3 months	Press test / reset; verify trip	iRV2 community consensus
Tow / brake lights	Monthly	7-pin + brake controller — test before each trip	iRV2 community consensus
Winterize	Seasonal: Oct–Nov	Blow out lines / RV antifreeze before first freeze	iRV2 community consensus
De-winterize	Seasonal: Mar–May	Sanitize & pressure-test in spring	iRV2 community consensus

Rigly · rigly.aiappnation.com/rv-maintenance-schedule · Starting points only; follow your owner's manual.