

# Tiffin Motorhomes, Inc.

## Powerglide Chassis Owner's Guide

### Scheduled Maintenance



SERVICE INTERVAL	Daily	5K	10K	15K	20K	Required Fluids/ Lubricants, and Procedures
<b>Air System:</b>						
Air Dryer						Inspect for leaks and blockage of purge valve (9)
Air Intake						Inspect for blockage
Air Filter						Check restriction indicator - replace filter as needed (7)
Primary Air Tank Reservoir						Drain condensation daily
Secondary Air Tank Reservoir						Drain condensation daily
<b>Brake Systems:</b>						
ABS Sensors						Clean sensors & adjust into hub rings. (1)
Brake Pads, Rotors, Shoes & Drums						Inspect pads, shoes, rotors & drums for wear and cracks (1)
Slack Adjusters						Inspect slack adjuster for proper adjustment & grease
Brake Hoses/Whips, Front & Rear						Inspect for leaks & cracking
<b>Cooling Systems:</b>						
A/C Condenser Fins						Inspect for blockage and wash clean every 10K or as needed
Charge Air Cooler Fins						Inspect for blockage and wash clean every 10K or as needed
Fan & Fan Shroud						Inspect for blockage and cracks
Radiator Fins/Grill						Inspect for blockage and wash clean every 10K or as needed
Radiator Hoses & Pipes						Inspect for kinks, chafing wear and leaks
Surge Tank Cap						Inspect for leaks daily
Surge Tank Vent Lines						Inspect for kinks and leaks daily
Fan Clutch						Inspect for correct alignment
Fan Drive Belt						Replace fan belt
Fan Drive Shaft U-Joints						Lubricate w/NGLI #2 grease
Fan Gear Box						Change fluid and inspect for leaks (6)
Coolant Level						Check sight glass for correct fluid level daily
<b>Electrical Systems:</b>						
Rear Electrical Compartment						Check for loose fuses and cables
Front Electrical Compartment						Check for loose fuses and cables
Generator Cables						Check for loose red & black cables connected to generator
Alternator Belt						Check for correct tension and wear
Batteries						Check for loose lugs/remove any corrosion
<b>Engine Systems:</b>						
Engine Crankcase Ventilation Filter						Replace filter at two years (10) <b>OR</b> during the third or fourth engine oil change (11)
Engine Drive Belt Tension						Inspect belt tension
Engine Oil Filter						Replace engine oil filter per engine manual (1)
Engine Oil						Change engine oil per engine manual (1)
Exhaust Muffler & Piping						Inspect for pinholes, rust and leaks
Diesel Fuel						Always use ultra low sulfur fuel only
Fuel Tank Vent Lines						Inspect for "P" traps that may cause air locks and slow filling
Fuel Tank & Lines						Inspect for leaks around fuel inlet nipples and hoses
Engine Coolant						Change engine coolant per engine manual
Primary Fuel Filter						Replace fuel filter per engine manual (1)
Secondary Fuel Filter						Replace fuel filter per engine manual (1)

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<b>Steering Systems:</b>						
Steering Gear						Inspect mount bolts for looseness & hydraulic hoses for leaks
Steering Gear Pump						Inspect for hydraulic hose leaks at fittings
Steering Shaft U-Joints						Inspect for loose fasteners & lube bearings w/NGLI # 2 grease
Steering Shaft Boot						Inspect for clearance between boot & shaft, lubricate w/NGLI # 2 grease
Power Steering Reservoir						Replace Dexron III & Filter at 35,000 mile or 48 months whichever occurs first
<b>Suspension &amp; Axles:</b>						
Coach Alignment						Align coach as needed (4)
Front Ride Height Adjust						Adjust to 10" side to side from bottom of air bag to top of air bag mount place
Rear Ride Height Adjust						Adjust to 7" side to side from bottom of rail to centerline of axle
Ride Height Valve Linkages						Grease linkage grommets w/D.A. Stewart Aqua lube
Air Suspension Bags						Inspect for leaks at fittings and inspect bags for leaks or cracks
Front Axle Tie Rods - Inspect						Inspect for looseness
Front Axle King Pins						Lubricate w/NGLI # 2 grease
Front & Rear Shocks						Inspect for leaks on shock tube, replace as needed
Rear Axle Lube						Inspect for leaks & check fluid level. Use Synthetic oil only 75W90 (3)
Wheel Lug Torque						Re-torque all wheels nuts - Torque 450 - 500 lbs. (2)
Automatic Slack Adjusters						Lubricate w/NGLI # 2 grease
Slack Adjuster Cam Shafts						Lubricate w/NGLI # 2 grease
Slack Adjuster Clevis Pins						Inspect for wear in clevis pin and cotter pins. Replace as necessary
Tag Axle Wheel Hubs						Drain & refill the hubs at 50,000 miles or 36 months whichever occurs first
<b>Transmission &amp; Driveline:</b>						
Drive Shaft						Inspect U-Joints & safety strap for loose bolts & wear, lubricate w/NGLI # 2 grease
Transmission Fluid						Replace fluid at 150,000 miles or 48 months whichever occurs first (5) (8)
Transmission Filters						Replace fluid at 75,000 miles or 36 months whichever occurs first (5) (8)

- (1) Replace / inspect at stated mileage interval or every 12 months whichever occurs first.
- (2) Re-torque all wheel nuts after the first 100 miles, then every 12K miles thereafter.
- (3) Factory filled with synthetic oil. DO NOT MIX with mineral oils.
- (4) For best tire life and handling, alignment of front axle is recommended every 15K miles.
- (5) Factory filled with Transynd. To maintain these service intervals, fluid must not be mixed with Dexron or other fluids.
- (6) Total fluid capacity is 24oz. Use only synthetic 75W90 oil.
- (7) Replace filter when indicator shows 25 inches or every two years whichever occurs first.
- (8) IF Allison Prognostics ENABLED, replace fluid & filters when the Prognostics system tells you to **OR** at 60 months of service.
- (9) Replace Air Dryer desiccant cartridge every 36 months.
- (10) Replace Crankcase Ventilation Filter at two years if engine was built to **EPA 2007** specs.
- (11) Replace Crankcase Ventilation Filter during third or fourth oil change if engine was built to **EPA 2010** specs.

THIS INFORMATION IS A **CONSOLIDATION** OF ALL POWERGLIDE MAINTENANCE SCHEDULES AS OF 8/23/2013

It is the coach owners responsibility to follow the correct maintenance schedule for their model year Powerglide chassis