

MAINTENANCE

2021



See the automotive chassis manufacturer's owner's manual and documents for tire warranty information. Inflation pressure information is located on the driver's door post. The current RAM ProMaster® manual recommends checking tire pressures regularly, at least every other week and before a long trip. Tire rotation intervals depend on wear and other factors, but tires should be rotated at least every maintenance interval, defined in your ProMaster® owner's manual.

Cargo Carrying Capacity

THIS VEHICLE WAS ALTERED BY:

Roadtrek Inc.

DATE ALTERED Feb 21

GVWR : 9,350 lb / 4,241 kg Recreational vehicle overall length : 231 : Inches as manufactured.

	GAWR	TIRES	RIMS	COLD INFL PRESS	MODEL YEAR
FRONT	4630 LB (2100 Kg)	LT245/75R16	16 x 6J	65 PSI (448KPA)	Jun 21
REAR	5291 LB (2399 Kg)	LT245/75R16	16 x 6J	80 PSI (586KPA)	SINGLE <input checked="" type="checkbox"/> DUAL <input type="checkbox"/>

THIS VEHICLE WAS ALTERED BY ROADTREK INC. IN Feb 21 AND AS ALTERED IT CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS BUMPER AND THEFT PREVENTION STANDARDS AFFECTED BY THE ALTERATION AND IN EFFECT IN Feb 21

VIN: 3C6MRVJGXME511672

TYPE OF VEHICLE: MPV

VEHICLE WEIGHT INFORMATION

WARNING: CONSULT OWNER MANUAL(S) FOR SPECIFIC WEIGHING INSTRUCTIONS & TOWING GUIDELINES INCLUDING AUXILIARY BRAKE REQUIREMENTS FOR ANY TOWED TRAILER OR TOWED VEHICLE.

MOTORHOME OCCUPANT AND CARGO CARRYING CAPACITY (DEALER INSTALLED EQUIPMENT MAY REDUCE OCCC)

COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED: **OCCC** 2,000 lb / 907 kg

SAFETY BELT EQUIPPED SEATING CAPACITY: 4

CAUTION: A FULL LOAD OF WATER EQUALS 0 kg or 0 lbs OF CARGO @ 1kg/L (8.3 lb/gal)
AND THE TONGUE WEIGHT OF A TOWED TRAILER COUNTS AS CARGO

Model: LPPD

SD: RTO0612

58200800

Paint Identification:

Upper body paint code: Lower body paint code: Blackout paint code:

DODGE - PFS

DODGE - PFS

N/A

Owner Maintenance Checks

Listed below are vehicle maintenance checks and inspections that should be performed by the owner or qualified service technician at the indicated intervals. Any adverse conditions should be brought to the attention of your dealer or qualified service technician for expert service advice as soon as possible. The owner maintenance checks are generally not covered by warranties and you may be charged for labor, parts and supplies used

When You Stop for Fuel or Weekly

- Check engine oil level.
- Look for low or underinflated tires.
- Walk around your RV, check for damage and correct light function.

Every Other Week

- Check tire pressure on all tires and your spare.

At Least Monthly

- Check coolant level in the coolant recovery reservoir.
- Check windshield washer fluid, brake fluid and power steering fluid levels.
- Check operation of all exterior lamps, including brake lamps, turn signals and hazard warning flashers.

At Least Every Three Months

- At every oil change, have the under-hood generator belt inspected for wear, alignment, fraying and clearance to hose.
- Flush water to the bathroom vanity sink. Use a hose or bucket to fill the tank through the sink and dump. Flush grey/black water holding tank. Use a hose or bucket to fill the tank through the vanity bathroom sink and dump.
- Flush and sanitize freshwater tank. The freshwater tank drain is located behind the running board skirt directly to the left of the city water connection. See Picture 57.1 for freshwater door and city intake fill. Valve position allows for filling from either location. To flush the tank:
 - Fill it completely using the city fill and drain using the freshwater tank drain underneath the tank, under the coach behind front axle.
 - Sanitize by adding 1/2 cup chlorine bleach to the tank, fill with water, let sit for at least two hours, and drain. 1/2 cup vinegar added to the next tankful, which will also be drained before filling with fresh water for use, will help dissipate the chlorine smell.

At Least Once a Year

- Lubricate all door hinges, locks and latches, especially the exposed hinges on exterior doors. These will freeze up and cause damage to the doors if neglected.
- Have appliances tested and cleaned.
- Wax and polish and protect exterior surfaces. The wheels are coated aluminum and there is no bare aluminum on the vehicle, so do not use aluminum polish on any surface of your Coach.

At Least Twice a Year

- Check windshield wiper operation.
- Clean wiper blades with clean cloth dampened with washer fluid.
- Wiper blades should be replaced at least once a year.
- Check radiator, heater and air-conditioning hoses for leaks or damage.
- Check for worn tires and loose wheel lug nuts.
- Check parking brake system and put the brake on and see if it will hold on a moderate hill. If not, get it repaired.
- Check head lamp alignment.
- Shine your low beam headlights on a wall. The light patterns should be the same height. Measure headlight height at the vehicle with a yardstick.
- Check lap and shoulder belts for wear and function. Replace any belts with frayed spots or that do not smoothly retract into their holders.

At Least Twice a Year Cont'd

- Inspect appliance vents to ensure they are free from dirt, insects, spider webs and/or nests.
- Inspect grey water tank vent and remove any debris or other obstructions. The grey water tank vent is on the roof, passenger side and in the bathroom area.
- Clean air conditioner filter. See air conditioner manual for details.
- Thoroughly clean and wax the roof of the van.
- To wash the solar panel, use a garden hose to rinse dirt off the panel.
- Do not scrub it with a brush or otherwise apply any abrasive material to the solar panel surface.
- Rinsing the panel two or three times a year to remove excess dirt is all you need to do to keep the panel operating at full output.
- With the tank empty, add one cup of mineral oil and one cup of hot water to the grey/black tank.

- To prevent water from entering your vehicle, avoid spraying water directly into exterior vents or grills. Do not use a power washer to clean your coach because damage to the paint, removal of decals and water leaks will result. Hand washing or commercial car washes accommodating large vehicles are the best way to keep your coach clean and shiny.
- Follow the maintenance for your appliances as per the appliance's manufacturer's manual.

Tank maintenance

- Waste residue will build up over the tank sensors providing you with false readings In order to prevent this from occurring use of RV Toilet paper and proper black tank cleaners should be used . If you find the levels are not reading correctly fill the tank to approximately 2/3rds full of clean water, some Calgon detergent and a bag of ice cubes. This will slosh around in the tank, knocking debris off the sensor .

Propane , regulator's, appliances and exhausts should be checked after prolonged storage. Insects and spiders will build webs and nests in the areas where propane is used. This can cause incorrect combustion or improper exhausting of the appliance .

Regulators only work properly if the vent to atmosphere is free of any obstruction.

Suburban HW Heater Anode rod

The Anode rod is a sacrificial material, so the inside of the tank is not impacted by the minerals in the water .

The top Anode rod is completely used

The Middle rod is about 50 % used

The bottom Rod is new unused .

The anode rod will not break off in the tank unless it is left for years .



Several sealants are used in building your coach each one has a specific task.

When checking any sealant inspect for shrinkage , cracking or missing areas.

Follow the instruction on the tube for re-application . Some require removal of old sealant while others bond well.

Compatibility is extremely important as Silicone will not bond well with other sealants.



Cabinet Adjustments

Each of your upper cabinets has an adjustable arm to hold the door open .

To adjust the arm, you use the allen key provided to put more tension on the brake .

Use caution when adjusting as too much tension increases the stress on the hinge when closing the door.



Freeze Valves

- If your coach is equipped with a Freeze protection valve :
- It will be activated at TEMP , This can be as a result of deep well water
- The diamond shaped handle at the top will be inline with the valve body and the black pin will be protruding out the top
- To reset you must turn the diamond handle so that it is inline with the water lines AND reset the blue push button located on the back of the valve body opposite the Water lines.



Water pump strainers and Faucet Aerators

The water pump is equipped with a strainer to prevent dirt from entering the pump head. This should be cleaned each time you de-winterize the coach. Or times that your water pressure drops.

Each of your taps has a similar feature, these strainers. If you have good water pressure in the bathroom but not the kitchen this would be the most probable issue.



Battery Maintenance AGM

AGM batteries are maintenance free, do not add water or acid to these batteries.

In order to maintain your AGM battery, you must keep the battery from being completely discharged. This type of battery will be damaged if this occurs. The amount of damage may be minimal or complete loss of use depending on the amount of discharge and the duration it has been left in this state.

It is your responsibility to maintain a charge in the battery when the coach is stored for a long period of time. This could be a trickle charger or using the charge systems in the vehicle.

Concave or convex appearance of batteries does not indicate a failed battery.



Battery Maintenance Lithium

The Lithium Module is maintenance free there are no user serviceable parts in the module. Opening the case will void the warranty.

The Battery Management System (BMS) controls the amount of charge and discharge that the batteries will experience.

When storing the coach for an extended period the Lithium module should be charged to approx. 75% About (13.2v) The module should be turned off using the On off switch located on the panel. This allows for fluctuation in temp, and a slight increase or decrease in voltage associated with temperature change.



Leaving your coach for an extended period



VEHICLE STORAGE

If you are leaving your vehicle dormant for more than 21 days, you may want to take these steps to protect your battery.

- Disconnect the negative cable from the battery.



- **Customer Maintenance**
- 1. Periodically remove the return air filters located
- above the removable panels in the air box. Wash the
- filters with soap and warm water, let dry and the
- reinstall.
- **Note:** Never run the air conditioner without return air filter in
- place. This may plug the unit evaporator coil with dirt and may
- substantially affect the performance of the unit.
- 2. Clean air box housing and control panel with a soft
- cloth dampened with a mild detergent. Never use
- furniture polish or scouring powders.
- 3. The blower motor is factory lubricated and requires
- no service under normal use.
- 4. Under certain conditions, frost may form on the
- evaporator coil. If this should occur, inspect the filter
- and clean if dirty. Make sure air louvers are not
- obstructed. Air conditioners have a greater tendency
- to frost when the outside temperature is
- relatively low. This may be prevented by adjusting
- the thermostat control knob to a warmer setting
- (counter clockwise). Should frosting continue, operate
- on LOW, MED, or HIGH FAN only setting
- until the cooling coil is free of frost.

Wheels/ rims



Aluminum wheels are not warranted against corrosion that is a result of road salt, sea salt, cleaning chemicals or harsh driving conditions.

Rims Continued

- Clean frequently with high-pressure water. Use a mild detergent, rinse thoroughly with clean water and wipe dry to avoid water spots. Do not clean with abrasives, abrasive brushes, steel wool, scouring pads or strong chemicals such as acids or lye-based products. Never spray cold water on extremely hot wheels. Always allow time to cool before cleaning. DO NOT USE the Alcoa Aluminum Care System on Dura-Bright® wheels at any time during their service life.
- When tires are removed, the entire rim must be cleaned and inspected (see Section 3). With a soft brush, remove any foreign products from the rim (portion of the wheel that supports the tire). Generously coat the entire air chamber surface with an approved surface protectant and lubricate each time the tire is removed (see Section 4-1).
- Once in service, Dura-Bright® wheels can become nicked or scratched by road debris and/or mechanical damage. If this occurs, continue to follow the normal washing and cleaning instructions provided above. The surface of an Alcoa Dura-Bright® wheel is designed to limit cracking and peeling if nicked or scratched while in service.
- Even as durable as Dura-Bright® wheels are, the mounting area can become scratched, marred or discolored when mounted against another wheel, hub or drum. The use of a wheel mounting surface guard, such as Alcoa DiscMate™, is highly recommended. The use of the Alcoa Hub Cover System on Alcoa Dura-Bright® wheels will also assist in limiting such damage and help maintain the appearance of your Alcoa Dura-Bright® wheels.

Troubleshooting

Battery does not last:

- Not fully charged
- Inverter always on
- Booster turned on for Antenna
- Extreme conditions

No water from Pump:

- Tank MT or
- Blocked strainer
- Air leak

No hot water:

- No propane
- Bypass valve open
- Switch turned off
- less than 10.5 volts