

Leveling System (Optional)
Addendum

2004

Vacationer
Admiral SE

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The following information supersedes the information published in the 2004 Vacationer Owner's Manual on pages 51 - 54 section 2 and the 2004 Admiral SE Owner's Manual on pages 46 - 49 section 2. Please utilize the information provided henceforth.

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The information on pages 51 - 54 for the Vacationer manual and pages 46 - 49 for the Admiral SE manual should be updated. The information needs to be updated to reflect the following changes:

LEVELING SYSTEM (OPTIONAL)

The hydraulic leveling system is to only level the motorhome. Do not use the leveling system to support the motorhome while under the coach or to elevate any wheel position. Do not use the leveling system to change a tire. Only trained personnel with the proper equipment should perform a tire change or repair. Attempts to change tires using the leveling jack to support the motorhome could result in damage to the motorhome and risk causing serious personal injury.

A remote control panel located next to the driver seat operates the leveling system. The three point leveling system features a multiple warning system with Jacks Down light. A warning bell sounds when any jack is extended and the ignition is turned on or the parking brake is released. The leveling system pump is located in the roadside generator compartment. System protection fuses are located on the Leveling Control module.

CAUTION: Prior to any leveling procedures it is important that all jacks are in contact with the ground so the frame is properly stabilized. Once all jacks are in contact with the ground, extend the front jack an additional ½ inch. This allows the front jack to act as a pivot point. Incrementally extend each jack in such a manner as not to apply excessive stress/twist to the frame, reducing the ability of any one jack to induce excessive stress/twist.

Leveling System Safety Features: The leveling system has safety features to prevent a jack from extending during travel. The control panel will not activate until these safety features are in place.

- Turn the ignition switch to the ON or ACC position.
- Place the transmission in Neutral.
- Apply the parking brake.

Before Operating the Leveling Jacks: The leveling system shall only be operated under the following conditions:

- The motorhome is parked on a reasonable level surface.
- The Parking Brake must be engaged.
- The transmission must be in the Neutral position.
- The ignition switch is placed in the ON or ACC position.

CAUTION: Before leveling the motorhome survey the area around and under the motorhome for obstructions ensuring potential jack contact points are clear of obstructions or depressions before operation that can damage the motorhome or undercarriage.

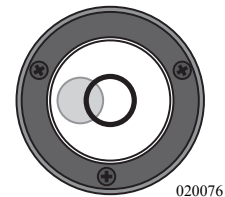
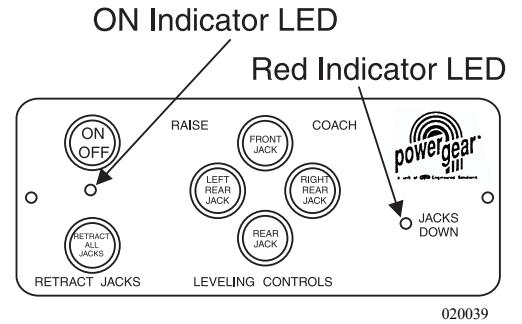
CAUTION: Hot asphalt, gravel or dirt may not support the weight that is placed on the hydraulic jack pads. Place thick plywood under the jack pads to help disperse the weight. If blocking up a rear jack pad to gain added clearance if the motorhome is on a slope, place a wheel chock at the opposite set of rear wheels to prevent the motorhome from rolling.

WARNING: Keep all people clear of the motorhome during the leveling system operations. Never expose hands or other parts of the body near hydraulic leaks. Hydraulic lines are under high pressure. Oil leaks may cut and penetrate the skin causing serious injury.

Leveling the Motorhome

To Extend the Leveling Jacks:

- Ensure all conditions have been met to operate the leveling system.
- Press the ON/OFF label on the control panel. The ON/OFF LED will illuminate indicating the system is now operational.
- Should the ON/OFF LED not illuminate, verify all operating conditions have been met.
- Press the FRONT JACKS label until the front jack contacts with ground. This will be felt in the motorhome.
- The FRONT JACKS and REAR JACKS labels will be used to achieve a center in the level vial which is pointed front to rear of the motorhome. The air bubble will indicate the high side of the motorhome. Press the button that is opposite the air bubble in level (i.e. if bubble is towards front of coach press the REAR JACK label). Keep label pressed until the air bubble is centered.
- The air bubble in the level indicator indicates the high side of the motorhome. Push the button opposite of the bubble, either LEFT or RIGHT REAR JACK, to level the motorhome.(i.e. If the bubble is towards left of the coach push RIGHT REAR JACK). Keep the label depressed until the bubble is centered.



Bubble level on driver's console.

NOTE: Right and left rear jacks are used to level the motorhome side to side. Pushing the "LEFT REAR JACK" label on the control panel will extend the left rear jack. Pushing the "RIGHT REAR JACK" label on the control panel will extend the right rear jack. The Front Jacks label controls the single front jack only.

To Retract the Leveling Jacks:

- Place the ignition switch in ON or ACC position.
- Push ON/OFF label on. See first step of leveling.
- Push Retract All Jacks label. All jacks will start to retract and return to full retract position. When all jacks return to the full retract position the JACKS DOWN light will go out.

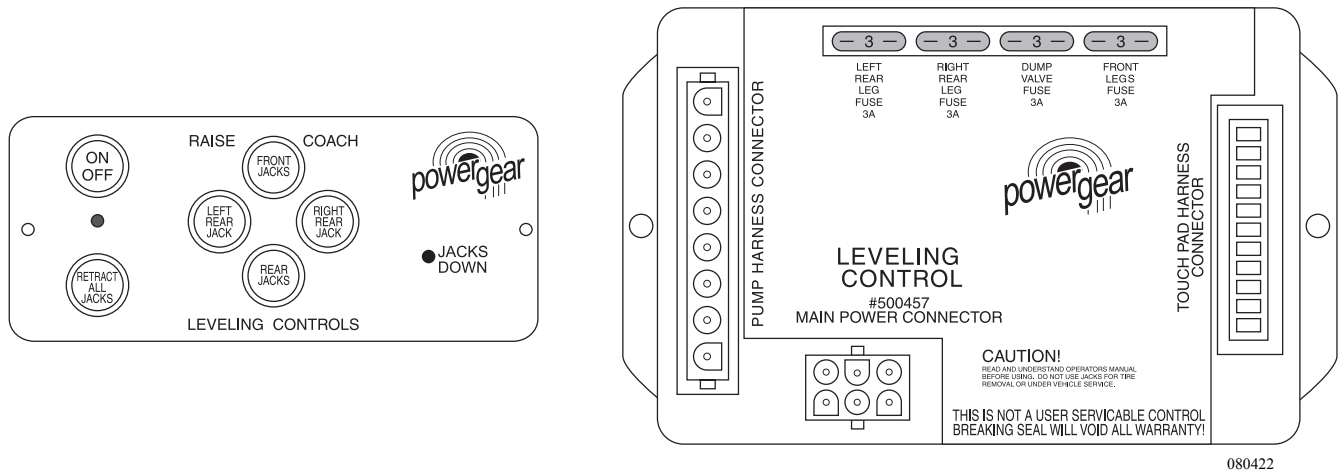
NOTE: If you wish to stop jacks from retracting turn system OFF and back ON. Then re-level the motorhome by following the steps under "Leveling the Motorhome."

- When the JACKS DOWN light goes out push ON/OFF label on control panel to turn the system OFF. Perform a brief visual inspection around the motorhome to verify that all jacks are fully retracted. It is safe to travel after confirming all jacks have fully retracted.

WARNING: Never rely solely upon warning lights or warning bell to determine the position of leveling jacks. Make a visual check to ensure all jacks are fully retracted prior to moving the motorhome.

If the jacks fail to extend or retract:

- Apply the Park Brake, turn the Ignition to the ON or ACC position and place the transmission in neutral. Then try to operate the system.
- A fuse may be bad in the Leveling Control Module located in the console next to the pilot seat.

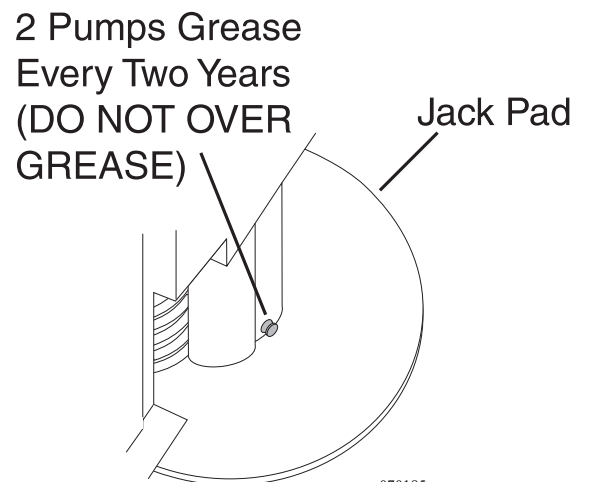


Drive-away Protection: When the ignition switch is set to the RUN position with the jacks extended, should the transmission be taken out of neutral or the park brake released, the Jacks Down indicator will light and the warning bell will activate. The system will then automatically retract all jacks until jacks are fully retracted or the park brake is reset and the transmission is placed in Neutral.

Maintenance

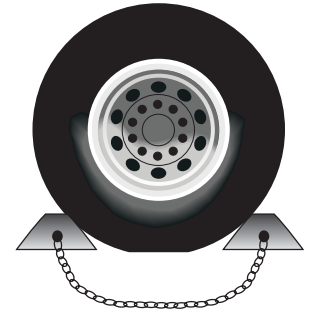
Occasionally, while the jacks are fully extended, use Dexron III to wipe and clean the jack rod. This will serve as a solvent as well as a lubricant. This will help prevent moisture damage to surface of the jack rod. Occasional oil or grease on the extended jack rod is normal and aids in the lubrication of the rod.

- Remove dirt and road debris from the jacks as needed.
- Check the fluid level every month. The fluid level should be within $\frac{1}{4}$ " inch of fill port lip and checked when all the jacks retracted.
- If the jacks are down for extended periods, it is recommended to clean the jack rod then wipe with automatic transmission fluid for protection against moisture.
- Inspect and clean all hydraulic pump electrical connections every 12 months.
- Grease jacks every two years with two pumps of grease. DO NOT over grease to prevent damage to the rod seal.
- Change the fluid every 36 months.
- Useable Reservoir Capacity = 1.2 gal.
- Reservoir Capacity = 2.4 gal. (approx.)

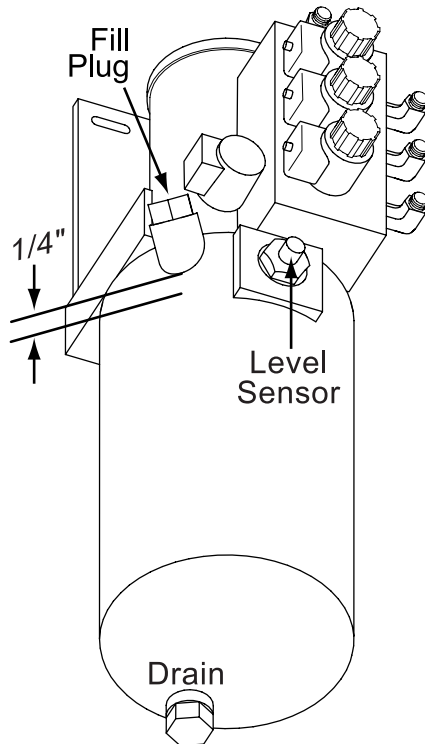


Adding Fluid: After changing the fluid or during operation , if the leveling system makes unusual noises during jack operation, it may indicate a low fluid level. Fluid changes or low fluid levels will introduce air into the leveling system. The system is designed to purge any air by raising and lowering each jack twice.

1. Chock a wheel fore and aft for safety.
2. Ensure all jacks are fully retracted.
3. Unscrew the reservoir cap from the top of the pump. Slowly fill the reservoir with Dexron III automatic transmission fluid until $\frac{1}{4}$ inch from fill plug.
4. Replace the reservoir cap. Retract the jack. The reservoir is now at the proper level.



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Monaco Coach Corporation
91320 Coburg Industrial Way
Coburg, OR 97408
800-634-0855
www.monaco-online.com

Indiana Operations
1809 W Hively
Elkhart, IN 46517
800-650-7337
www.holidayrambler.com

Warranty/Technical Support
Toll Free 877-466-6226