



**OPERATION MANUAL FOR  
JAYCO CLASS "A" MOTORHOME  
SLIDE-OUT SYSTEMS**

**82-S0340 REV. 0  
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# **OPERATIONS MANUAL**

The Power Gear electric slide-out system in your coach is designed to give you years of trouble free operation and reflects the latest state of the art technology. **READ, STUDY, AND UNDERSTAND THIS MANUAL BEFORE OPERATING YOUR SLIDE-OUT SYSTEM.**

## **1. SYSTEMS DESCRIPTION**

Your Power Gear slide-out system is a rack and pinion design operated by a 12Volt DC electric motor.

### **1.1 MAJOR COMPONENTS**

- Inner rail assemblies are designed to support the room weight.
- The 12Volt DC gearmotor will operate the room using power from the onboard unit battery.
- Slide-out systems are equipped with a manual override that allows you to extend / retract the room in the event of a loss of power.
- Fully adjustable positive stops for both IN and OUT travel.

## **2. HOW TO OPERATE YOUR SLIDE-OUT SYSTEM**

### **2.1 WARNING**

- **ALWAYS MAKE SURE THAT THE SLIDE-OUT ROOM PATH IS CLEAR OF PEOPLE AND OBJECTS BEFORE AND DURING OPERATION OF THE SLIDE-OUT ROOM.**
- **ALWAYS KEEP AWAY FROM THE SLIDE-OUT RAILS WHEN THE ROOM IS BEING OPERATED. THE GEAR ASSEMBLY MAY PINCH OR CATCH ON LOOSE CLOTHING CAUSING PERSONAL INJURY.**
- **ALWAYS UTILIZE A ROOM LOCKING DEVICE ON THE SLIDE-OUT ROOM DURING STORAGE AND TRANSPORTATION.**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD  
RESULT IN SERIOUS INJURY OR DEATH.**

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## **2. OPERATING YOUR SLIDE-OUT SYSTEM (Continued)**

### **2.2 EXTENDING THE ROOM**

1. Level the unit.
2. Verify the battery is fully charged and hooked-up to the electrical system.
3. Remove the transit bars (if your unit is so equipped).
4. Make sure the room path is clear (both inside and outside the coach).
5. Check the slide-out awning (some awnings must be manually unlocked before operating the slide-out).
6. Press and hold the IN/OUT switch in the OUT position until the room is fully extended and stops moving.
7. Release the switch, which will lock the room into position.

### **2.3 RETRACTING THE ROOM**

1. Verify the battery is fully charged and hooked-up to the electrical system.
2. Make sure the room path is clear (both inside and outside the coach).
3. Press and hold the IN/OUT switch in the IN position until the room is fully retracted and stops moving.
4. Release the switch, which will lock the room into position.
5. Check the slide-out awning (some awnings must be manually locked before traveling).
6. Install transit bars (if your unit is so equipped).

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## 3. MANUALLY OVERRIDING YOUR SLIDE-OUT SYSTEM

Your Power Gear slide-out system is equipped with a manual override that allows you to extend or retract the room in the event of a loss of power.

**NOTE: If the room does not move when the switch is pressed, check the following:**

- **Battery is fully charged and connected**
- **The transit bars are removed**
- **All system fuses/circuit breakers and relays are good.**

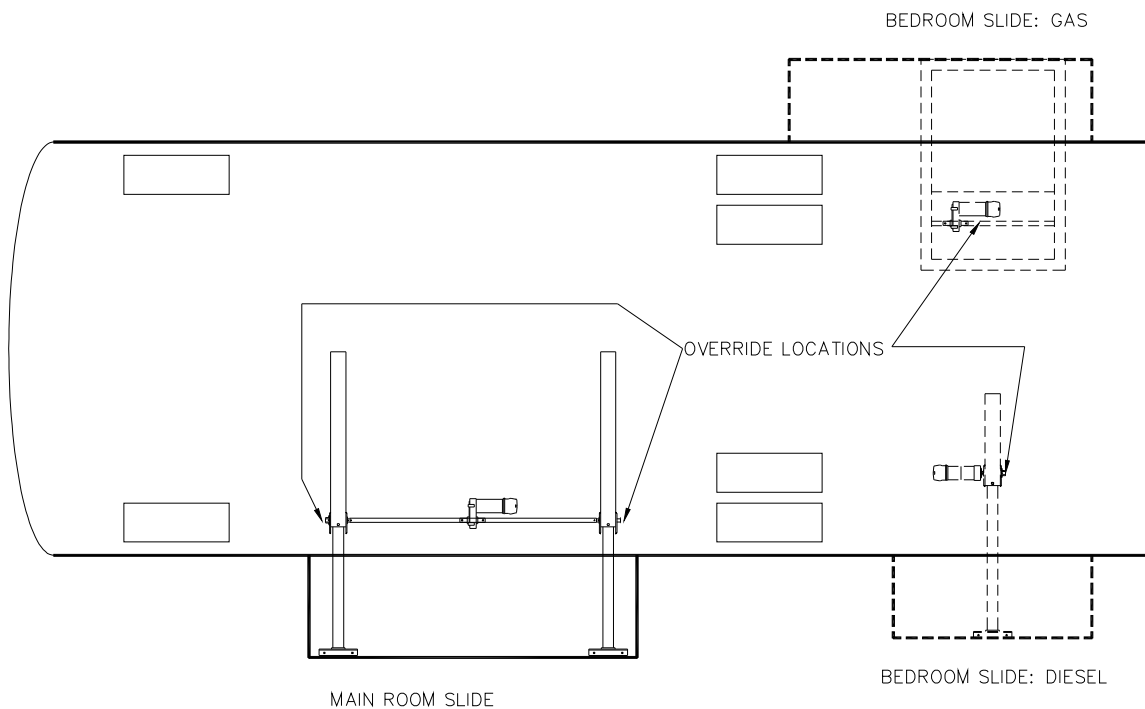
After the previous items have been checked and the room still does not move when the slide-out switch is pressed, follow these simple steps to manually override your slide-out room.

1. Locate the slide-out motor (see drawings later in this manual). The motor is located in the top of the center storage compartment under the slide-out room. For a bedroom slide-out the motor will be mounted to rail assembly.
2. Rotate the brake lever on the back of the motor counter-clockwise (looking from the rear of the motor) about 1/8 of a turn to the released position. Refer to the label on the motor and the motor drawing in this manual. This will release the brake that holds the room in place.
3. The room is now free to move.
4. Locate the manual override on the end of a rail assembly (see drawing later in this manual). It is also permissible to use an adjustable wrench on the square drive shaft to crank the room in or out.
5. Check the slide-out awning (some awnings must be manually unlocked before operating).
6. Using a  $\frac{3}{4}$  wrench or ratchet, crank the room either in or out completely (depending on your need).
7. When the room is fully in/out apply pressure to the wrench or ratchet and return the motor brake lever to the "Engaged" position. This will ensure the room is locked into a sealed position.
8. Check the slide-out awning (some awnings must be manually locked before traveling).
9. Install transit bars (if so equipped) and take the unit to an authorized dealer for service.

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**!!WARNING!!**

**WHEN THE MOTOR BRAKE IS DISENGAGED THE SLIDE-OUT ROOM WILL NOT LOCK IN PLACE; THEREFORE, THE ROOM WILL NOT BE SEALED. WHEN THE ROOM HAS BEEN MANUALLY RETRACTED, BE SURE TO INSTALL THE TRANSIT BARS AND RETURN THE MOTOR BRAKE LEVER TO ITS NORMAL "ENGAGED" POSITION IN ORDER TO SEAL AND LOCK THE ROOM INTO POSITION.**



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## **4. PREVENTATIVE MAINTENANCE**

Your Power Gear slide-out system has been designed to require very little maintenance. To ensure the long life of your slide-out system read and follow these few simple procedures.

**CAUTION: DO NOT WORK ON YOUR SLIDE-OUT SYSTEM UNLESS THE BATTERY IS DISCONNECTED.**

- When the room is out, visually inspect the inner slide rail assemblies. Check for excess build-up of dirt or other foreign material; remove any debris or items that may be present.
- If the system squeaks or makes any noises it is permissible to apply a light coating of silicone spray or lithium grease to the roller and bearing sleeve I.D., removing any excess lubricant so that dirt or debris do not build-up. DO NOT lubricate the slide-out drive gears, gear racks, or roller OD as this will attract dirt / debris.

**If you have any problems or questions consult your local authorized dealer or call us at Lippert Components at (574) 537-8900.**

## **POWER GEAR LIMITED WARRANTY**

Power Gear warrants the original purchaser that the product will be free from defects in material and workmanship for a period of one (1) year following the retail sales date. Power Gear will, at its option, repair or replace any part covered by this limited warranty which, following examination by Power Gear or its authorized distributors or dealers, is found to be defective under normal use and service. No claims under this warranty will be valid unless Power Gear or its authorized distributor or dealer is notified in writing of such claim prior to the expiration of the warranty period. Warranty is non-transferable.

### **THIS WARRANTY SHALL NOT APPLY TO:**

- Failure due to normal wear and tear, accident, misuse, abuse, or negligence.
  - Products which are modified or altered in a manner not authorized by Power Gear in writing.
  - Failure due to misapplication of product.
  - Telephone, telegraph, teletype or other communication expenses.
  - Living or travel expenses of person performing service.
  - Overtime labor.
  - Failures created by improper installation of the product's slide-out system or slide-out room to include final adjustments made at the plant for proper room extension/retraction; sealing interface between slide-out rooms and side walls; synchronization of inner rails; or improper wiring of ground problems.
  - Failures created by improper installation of leveling systems, including final adjustments made at the plant, or low fluid level, wiring or ground problems.
  - Replacement of normal maintenance items including lubricants and fuses.
- There is no other express warranty other than the foregoing warranty.

THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL POWER GEAR BE LIABLE FOR ANY ACCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the limitations of implied warranties, or the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

For service contact your nearest Power Gear authorized warranty service facility or call (574) 537-8900. Warranty service can be performed only by a Power Gear authorized facility. This warranty will not apply to service at any other facility. At the time of requesting warranty service, evidence of original purchase date must be presented.