POWER GEAR
SLIDE-OUT MANUAL

Operation Guide

FLUSH FLOOR SLIDE-OUT SYSTEM FOR
AMERICAN COACH PRODUCTS

82-S0220-01 Rev. 1
**AMERICAN COACH SLIDE-OUT MANUAL**  
**FLUSH FLOOR SYSTEM**

**TABLE OF CONTENTS**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Description</td>
<td>3</td>
</tr>
<tr>
<td>Your Slide-Out Controller</td>
<td>4</td>
</tr>
<tr>
<td>How to Operate Your Slide-Out</td>
<td>4</td>
</tr>
<tr>
<td>Overriding Your Slide-Out System</td>
<td>6</td>
</tr>
<tr>
<td>Preventative Maintenance</td>
<td>7</td>
</tr>
<tr>
<td>Owner’s Trouble Shooting Guide</td>
<td>8</td>
</tr>
<tr>
<td>Parts Ordering Information</td>
<td>9</td>
</tr>
<tr>
<td>Power Gear Limited Warranty</td>
<td>10</td>
</tr>
</tbody>
</table>

**ILLUSTRATIONS**

<table>
<thead>
<tr>
<th>DIAGRAM</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>4</td>
</tr>
<tr>
<td>Control Panel</td>
<td>5</td>
</tr>
<tr>
<td>System Layout</td>
<td>6</td>
</tr>
</tbody>
</table>

*NOTE : Advanced trouble shooting and repair should only be done by an authorized Fleetwood dealer. Repairs performed by Owner may void warranty.*

**FORWARD**

The Power Gear™ electric slide-out system for your coach is designed to give you years of trouble free operation. Read, study, and understand this manual before operating your slide-out system.
SYSTEM DESCRIPTION

Your Power Gear flush floor slide-out system consists of the following major components:

1) The Drive Assembly, which includes the drive motor and mounting hardware.

2) Three Slide-out Assemblies. The side units include the rack-and-gear transmissions, connected to a center support unit which does not have a rack or gear, but which houses the Drive Assembly.

3) A specially designed control that gives the user full control of the room movement, in or out, and which includes a load sensing capability which stops the motor when the room has reached its final position.

4) A key-cutout switch, to prevent accidental use of the slide-out system, incorporated into the electronics, as well as a motion alarm to alert those around the slide-out room when it is moving.

! CAUTION!
ALWAYS MAKE SURE THAT THE COACH IS RESTING ON THE LEVELING JACKS AND IT IS LEVEL BEFORE OPERATING THE SLIDE-OUT ROOM.

! WARNING!
ALWAYS MAKE SURE THAT THE ROOM PATH IS CLEAR OF PEOPLE AND OBJECTS BEFORE OPERATING.
ALWAYS KEEP AWAY FROM THE SLIDE RAIL WHEN THE ROOM IS IN MOTION. THE GEAR RACK MAY PINCH OR CATCH ON LOOSE CLOTHING, CAUSING PERSONAL INJURY.

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY.
YOUR SLIDE-OUT CONTROLLER

The slide-out control unit for your slide-out system is located near the motor assembly. This unit is controlled by the switch panel located in the main living area. It activates both the motor and the slide-out alarm when the switch panel is operated. It also limits the amount of power the drive motor can draw, shutting off the system when the motor load exceeds the control’s setting.

CAUTION: This control has an adjustment that allows for a wide range of power settings. If this adjustment is set too high, damage to the room seal flanges can result. Please note the adjusting screw’s normal setting, and do not exceed the maximum setting.

HOW TO OPERATE YOUR SLIDE-OUT

BEFORE YOU OPERATE YOUR POWER GEAR SLIDE-OUT SYSTEM:
(1) Make sure the path for the room to move is clear.
(2) Make sure the coach rests on all of the leveling jacks.
(3) Check to see that the coach is level.
(4) Check the parking brake. Make sure it is ENGAGED.

EXTENDING THE ROOM
STEP 1 - Turn the slide-out system key switch to ON.

STEP 2 - Press and hold the room direction switch in the OUT position until the room is fully extended and stops moving. The control will automatically shut off the motor, locking the room in place.
STEP 3 - Release the switch and turn the slide-out system key to OFF. To prevent unintentional slide-out activation, remove the key from the key switch.

CONTROL PANEL

RETRACTING THE ROOM
STEP 1 - Turn the slide-out system key switch to ON.

STEP 2 - Press and hold the switch in the IN position until the room is fully retracted and stops moving. The control will sense that the room has stopped and will automatically shut off the motor, locking the room in place.

STEP 3 - Release the switch and turn the slide-out system key to OFF. To prevent unintentional slide-out activation, remove the key from the key switch.
OVERRIDING YOUR SLIDE-OUT SYSTEM
Your Power Gear slide-out system has a manual override attached to each outboard beam. This allows you to extend or retract your slide-out room in the event of a loss of power.

If your slide-out room will not move when the switch is pressed, consult the trouble shooting section of this manual before using the manual override. If the options listed there fail, then follow the simple steps below to move your room by hand.

TOOLS REQUIRED: A ¾” box wrench or ¾” socket with a ½” socket drive is recommended, though any style will do.

STEP 1 – Shift the brake release lever on the motor to RELEASE.

STEP 2 – Disconnect the motor power leads.

STEP 3 – Locate the override coupling on the rearward side of the slide-out mechanism, and turn the coupling CLOCKWISE to retract the room.

STEP 4 – If the front of the room does not retract along with the rear, access the front
coupling through the front wheelwell, and turn it COUNTER-CLOCKWISE to draw in the front of the room.

(Continues …)

STEP 5 - Shift the brake release lever to ENGAGE and secure the motor access panel.

! WARNING!
THE MOTOR BRAKE MUST BE ENGAGED WHEN TRAVELING OR WHEN THE ROOM IS TO STAY IN THE EXTENDED POSITION.

PROPERTY DAMAGE OR INJURY MAY RESULT IF THE BRAKE IS NOT ENGAGED.

PREVENTATIVE MAINTENANCE

Your Power Gear slide-out system is designed to require no preventative maintenance. Disassembly of your slide-out system or removal of any component from the coach is not required or recommended.

If your system operates with excessive noise, the shaft bearings and gear rack may be greased or sprayed with a silicon lubricant to correct the condition. Do not disassemble the slide-out system in any way. If satisfactory results are not achieved, contact American Coach service or power gear customer service.
OWNER’S TROUBLE SHOOTING GUIDE

Room does not move when the toggle switch is pressed

- Key switch is off. - Turn key switch On.
- Parking brake is not engaged. - Engage parking brake.
- Slide-out fuse is burned out. - Replace slide-out fuse (30 A) located in the battery compartment.
- Battery is not charged. - Charge battery.
- Other - Contact American Coach Service

Room does not seal fully in extend or retract.

- Batteries are not fully charged. - Check batteries for full charge: charge if necessary.
- Motor is not supplied with enough power. - Turn the controller stop adjust 1/8 of a turn.
  Note: Do not exceed maximum setting. Contact American Coach service if you have reached the maximum setting and still have sealing problems.
- Other - Contact American Coach service.

One side of the room moves, but not the other.

- There is a break in the drive system. - In all cases, retract the room and contact American Coach service.
PARTS ORDERING INFORMATION

When ordering parts, please provide the following information:

1) Your Name
2) Your Company's Name
3) Your Phone Number
4) Your Shipping Address
5) Your Billing Address
6) The Purchase Order Number
7) The Coach Model Number

For each part needed, please provide:

1) The Part Number
2) The Part Description
3) The Quantity Required
POWER GEAR LIMITED WARRANTY

Power Gear warrants to the original retail purchaser that the product will be free from defects in material and workmanship for a period of two (2) years 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 slideout system or slideout room to include final adjustments made at the plant for proper room extension/retraction; sealing interface between slideout rooms and side walls; synchronization of inner rails; or improper wiring or 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 A PARTICULAR PURPOSE. IN NO EVENT SHALL POWER GEAR BE LIABLE FOR ANY INCIDENTAL 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 facility or call 1-800-334-4712. Warranty service can be performed only by a Power Gear authorized service 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.

Power Gear, a unit of APW Engineered Solutions
950 Green Valley Road, P.O. Box 695
Beaver Dam, WI 53916-0695
800/334-4712