



# Service Bulletin

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#82-S0502 Rev 0B 4-22-2011



## Control Revision for Winnebago Industries Model Years 2009 & 2010

### M<sup>2</sup>-Sync Room Slide-out System without Room Locks

In order to correct a system malfunction that could occur under extremely low voltage conditions, the following control unit for the Power Gear M<sup>2</sup>-Sync Room Slide-out System has been redesigned to include software and hardware changes:

Power Gear part #: 1510000143 (new revision is revision 0E). Controls prior to revision 0E are to be replaced. Power Gear will provide the revision 0E control as a courtesy upgrade.

**NOTE: Power Gear will not pay labor charges for programming controls prior to revision 0E!**

Winnebago Industries part #: 165169-04-000

This revision corrects for an issue that could occur when using the power boost feature to charge the chassis battery under extremely low chassis battery voltage conditions. This large energy surge can result in the loss of the control unit's programmed slide-out system stop points.

Winnebago Industries vehicle models that are equipped with the M<sup>2</sup>-Sync Room Slide-out System are:

<u>Model Year</u>	<u>Model Description</u>
2009	ID524A
	WD524A
2010	ID524A
	ID524K
	IDH25R
	WD524A
	WD524K
	WDH25R

In order to avoid the loss of programmed stop points as described above, individuals should be reminded to always:

- a. Start and run the vehicle engine when operating the room slide-out system.
- b. Avoid low voltage conditions that require the use of the power boost feature.

In cases where the loss of programmed stops has occurred, an upgrade control revision 0E will be made available to replace revisions 0D and prior versions.

Installation and programming instructions for the replacement of the control are included with this bulletin. Further detailed information and instructions related to this system can be found in the M<sup>2</sup>-Sync Room Slide-out "Installation and Service Manual."



# 1510000143 M<sup>2</sup>-Sync Room Slide-out Control Replacement Procedure

1. Fully retract slide-out room.
2. Locate control on unit (Fig. 1).



Figure 1

3. Keeping the wire harnesses attached to the control, remove the control from the mounting surface.
4. Using the same screws, attach the new control to the same mounting location as the old control.
5. Carefully remove only 1 harness connection from the old control and connect it to the same location on the new control.
6. Repeat step 5 for all remaining harness connections.

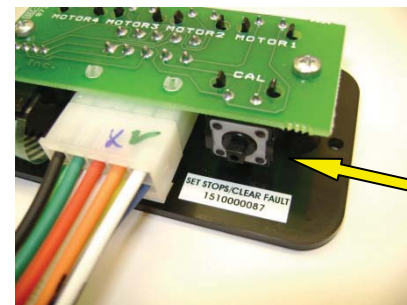
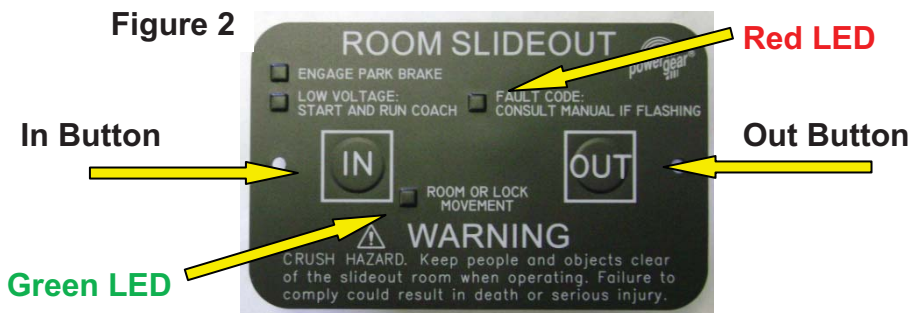
**NOTE:**

- Only remove and attach 1 harness connection at a time to ensure the wires are connected to the same locations as on the old control.

7. Locate and remove the touchpad from the wall (Fig. 2).

Figure 3

Figure 2



Set Stops/  
Clear Fault  
Button

8. Press and hold the “Set Stops/Clear Fault” button located on the back of the wall touchpad (Fig. 3) for 5 seconds. The red “Fault Code” and green “Room Movement” LED’s will light while the button is held down. (Fig. 2)

**NOTE:**

- After 5 seconds, the green LED will begin flashing and the red LED will remain lit.

9. The unit is now ready to set the retracted or IN stop. **Use caution when setting the in stop as to not over extend the room flanges.**

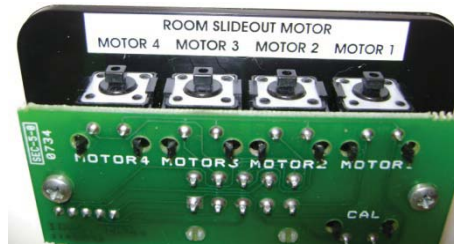
**NOTE:**

- If you fully retracted the room in step 1 above then skip to step 9d. If not, continue with step 9a.
  - a. Press and hold the SLIDEOUT room motor buttons (Motor 1, Motor 2) on the back of the wall touchpad (Fig. 4) that correspond to the SLIDEOUT motor you want to move. These buttons correspond to the slide-out room motors. Typically Motor 1 is the front motor and motor 2 is the rear motor **but this may not always be the case so use caution when moving the room.**
  - b. Press the IN or OUT button on the front of the wall touchpad depending upon the direction of rail movement you desire.
  - c. Move the room to the fully retracted position.

- d. Press and release the “Set Stop/Clear Fault” button on the back of the wall touch pad to program the retracted stop position.

**NOTE:**

- The Red LED will now begin flashing and the Green LED will remain lit.



**Figure 4**

10. The unit is now ready to set the extended or OUT stop. **Use caution when setting the out stop as to not over extend the room flanges.**

- Press and hold the same SLIDEOUT room motor buttons (Motor 1, Motor 2) as you did in the prior step.
- Press the IN or OUT button on the front of the wall touch pad depending upon the direction of rail movement you desire.
- Move the room to the fully extended position.
- Press and release the “Set Stop/Clear Fault” button on the back of the wall touch pad to program the extended stop position.

**NOTE:**

- The Red LED will now begin flashing and the Green LED will remain lit.
- The control must be programmed correctly before it will operate in normal mode.
- If both LED's flash rapidly for 1 second and turn off, the control has been programmed correctly and is now in normal operation mode.
- If both LED's flash rapidly for 10 seconds the control has NOT been programmed correctly or the system is wired incorrectly.

11. Re-install the wall touch pad. **Done.**