



# Technical Operation Information for Control Boxes 1510000011, 1510000013 and 140-1213

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## ! WARNING

Always make sure that the unit is level before operating the slide out room.

Always make sure there are no obstructions blocking the path of the room when it is moving.

Always make sure that the room path is clear of people and objects before operating.

Always keep away from the slide out rails when the room is in motion. The gear assembly may pinch or catch on loose clothing causing personal injury.

Failure to follow these instructions could result in serious injury or death.

## Technical Operation Information: Jog Mode Power Gear slide out sensing control 1510000011 and 1510000013

These two controls are equipped with a "jog" mode feature that allows the user to momentarily jog the position of the slide out by a small amount to improve the quality of the room seal without undue damage to the flanges.



Under normal operation conditions the controller will drive the room until a motor stall is encountered.

The **Jog Mode** feature is enabled once the motor stall is detected and the motor is shut off.

When the **Jog Mode** is enabled, any request to move the slide out further into the flanges results in the motor being enabled for only 0.1 seconds in that direction, resulting in a corresponding small movement of the room. Additional requests to move the room in the same direction will result in the same 0.1 second enabling of the motor. This allows the user to attain a better seal.

**Jog Mode** stays enabled until the user has moved the room in the opposite direction for at least 2.5 seconds. The user is required to move away from the flange to return to normal operation in the original direction.

In a case where **Jog Mode** is encountered unexpectedly (motor stalls before the flanges are contacted) the **Jog Mode** can be "overridden" by holding down the slide out switch for 10 seconds. In this case the motor will initially "jog" then stop as the button is held for the required 10 seconds

## Power Gear slide out sensing control # 140-1213

The 140-1213 slide out sensing control utilizes similar yet slightly different features than the 1510000011 and 1510000013.

Under normal operation conditions the controller will drive the room until a motor stall is encountered. The **Jog Mode** feature is enabled once the motor stall is detected and the motor is shut off.

When the **Jog Mode** is enabled, any request to move the slide out further into the flanges results in the motor being enabled for only 0.1 seconds in that direction, resulting in a corresponding small movement of the room. Additional request to move the room in the same direction will result in the same 0.1 second enabling of the motor. This allows the user to attain a better seal.



**Jog Mode** stays enabled until the user has moved the room in the opposite direction for at least 2.5 seconds.

NOTE: There is not a 10 second override feature for this control as indicated for the 1510000011 and 1510000013. The switch must be pressed in the opposite direction to exit **Jog Mode**.



## Additional Reference Documents Located at [www.powergearus.com](http://www.powergearus.com)

**Document #**

**Description:**

82-S0526

Trouble shooting Slide out Control Boxes 1510000011 and 1510000013

