

SLIDE-OUTS

Purpose

This document outlines the procedures for resetting Slimrack auto-programmable controls with revisions D, E, F, G and any future revisions to factory settings.

The controller uses hall effect sensors at the top of each motor to know the position of the slide-out room and to keep both sides of the room synchronized. Under certain conditions listed below, a controller can appear to be inoperable due to the signal data input from the sensors being disrupted after service work is performed.

- Motor replacement
- Harness replacement
- Slide-out room moved without power from controller

Slimrack auto-programmable controllers (Fig. 1) affected by these instructions are:

- [700156](#) - motorized auto-programmable
- [697096](#) - towable auto-programmable
- 2022127993 - towable auto-programmable option 2
- 2022127994 - towable auto-programmable option 3
- 2022127995 - towable auto-programmable option 4
- 2023022098 - towable auto-programmable option 5

Use the procedures outlined in this document to identify the control and its revision letter and reset the controller slide room position data to factory defaults.

Safety

WARNING

Always make sure that the slide-out path is clear of people and objects before and during operation of the slide-out. Always keep away from the gear racks when the slide-out is being operated.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

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Procedure

Identify Control and Revision

1. The control part number can be found in the upper right corner of the label on the front of the controller (Fig. 1A).

Fig. 1



2. On the side of the Slimrack control will be a small bar code identification label (Fig. 2A) and below the bar code will be the controller's 16 digit serial number (Fig. 3).
3. The first five characters of this number are numerical, with the sixth being a letter (Fig. 3A). This letter indicates the revision of the control.
4. If the controller is revision D, E, or F see Reset Procedure 1.
5. If the controller is revision G or beyond, see Reset Procedure 2.

Fig. 2

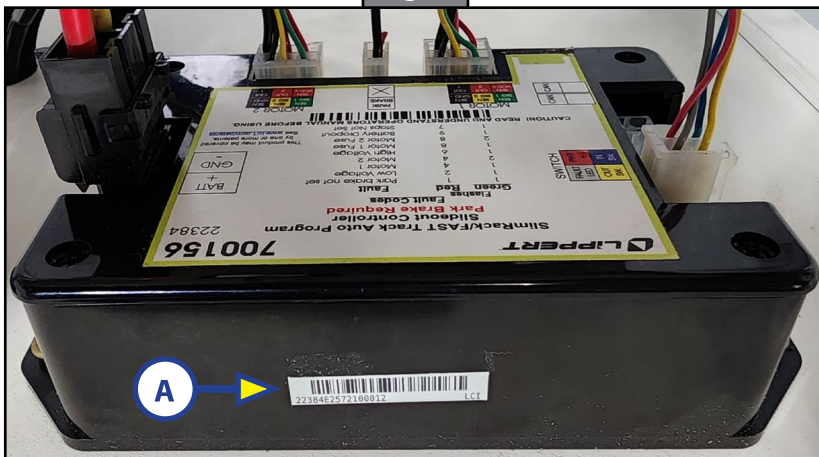
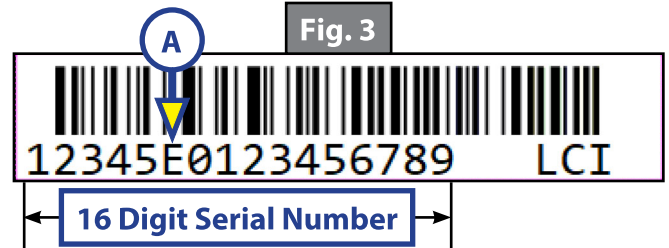


Fig. 3



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Reset Procedure 1 (Rev. D, E, and F)

1. Mark the harnesses as Motor 1 and Motor 2 (Fig. 4), and unplug them from the controller.

NOTE: The motor receptacles are identified on the controller as Motor 1 and Motor 2 (Fig. 4A).

2. Go to the wall switch (Fig. 5) and press **OUT (Extend)** (Fig. 5A) for at least one second.
3. Next, press **IN (Retract)** (Fig. 5B) for at least one second.

NOTE: The sequence does not have to be **OUT (Extend)** first, as long as both **OUT (Extend)** and **IN (Retract)** are pushed for at least one second.

4. Plug Motor 1 harness back into the Motor 1 receptacle (Fig. 4B) and plug motor 2 harness back into the Motor 2 receptacle (Fig. 4C).
5. Verify that the controller is in Jog Mode:
 - A. Press **OUT (Extend)** or **IN (Retract)**. The room should only move for about one second and then stop every time the switch is toggled. This is Jog Mode.
6. Exit Jog Mode in one of two ways:
 - A. Disconnect 12V power from the control by removing the 2-pin battery harness (Fig. 4) for 5 seconds. After 5 seconds, plug the battery harness back into the control.
 - B. Wait for 5 minutes. The control will time out and exit Jog Mode, returning to normal operation mode.
7. The slide-out room IN and OUT stops may now be set. See Setting Room Stops on the last page of this document.

Fig. 4

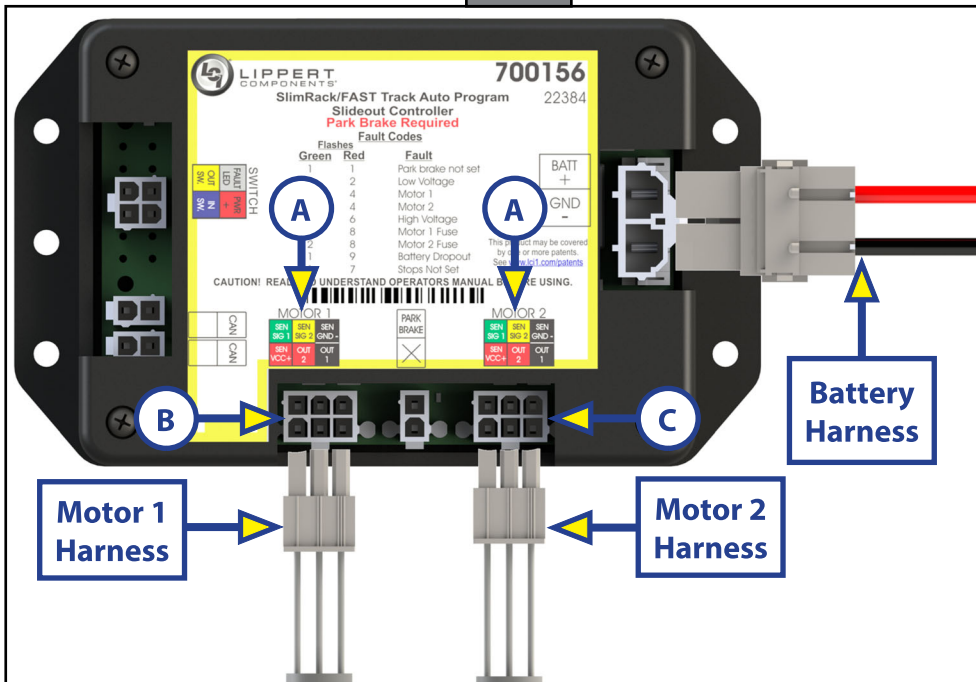
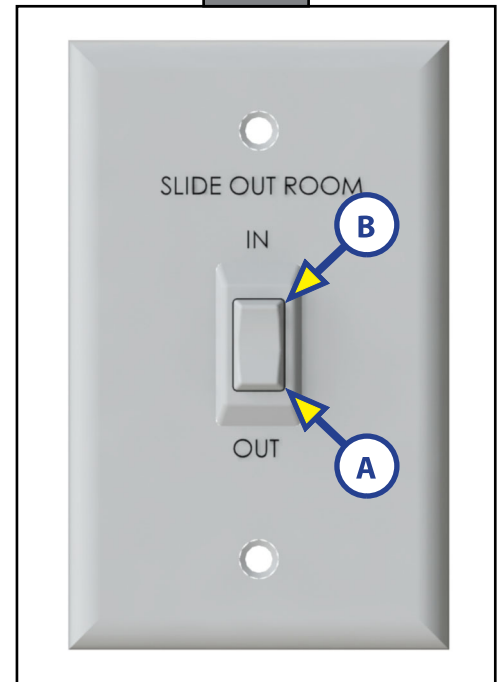


Fig. 5



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Reset Procedure 2 (Rev G and Later)

1. Remove the wall switch (Fig. 6). If working on a unit without a wall switch, proceed to step 8.
2. On the back of the wall switch, remove the **OUT (Extend)** wire (Fig. 6A), the **IN (Retract)** wire (Fig. 6B) and the **switch power** wire. (Fig. 6C).
3. Connect the ends of the **OUT (Extend)** wire and the **IN (Retract)** wire together first, then touch them to the end of the red wire (Fig. 6C) and hold for at least 5 seconds.
4. Stops Not Set fault code is indicated by 1 green flash (Fig. 7B) and 7 red flashes (Fig. 7C) if no higher priority fault codes are already displayed.

NOTE: Fault codes are listed on the face of the control (Fig. 7A) and on the last page of this document.

Fig. 6

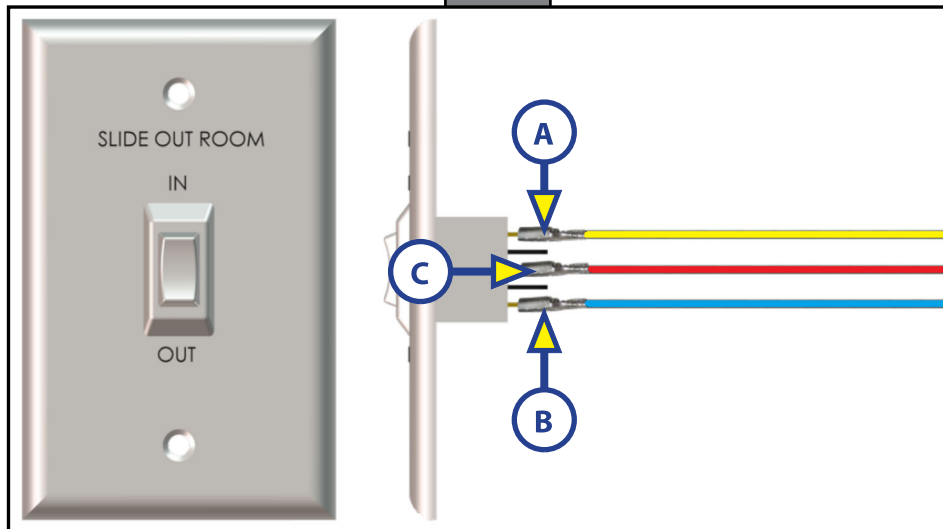
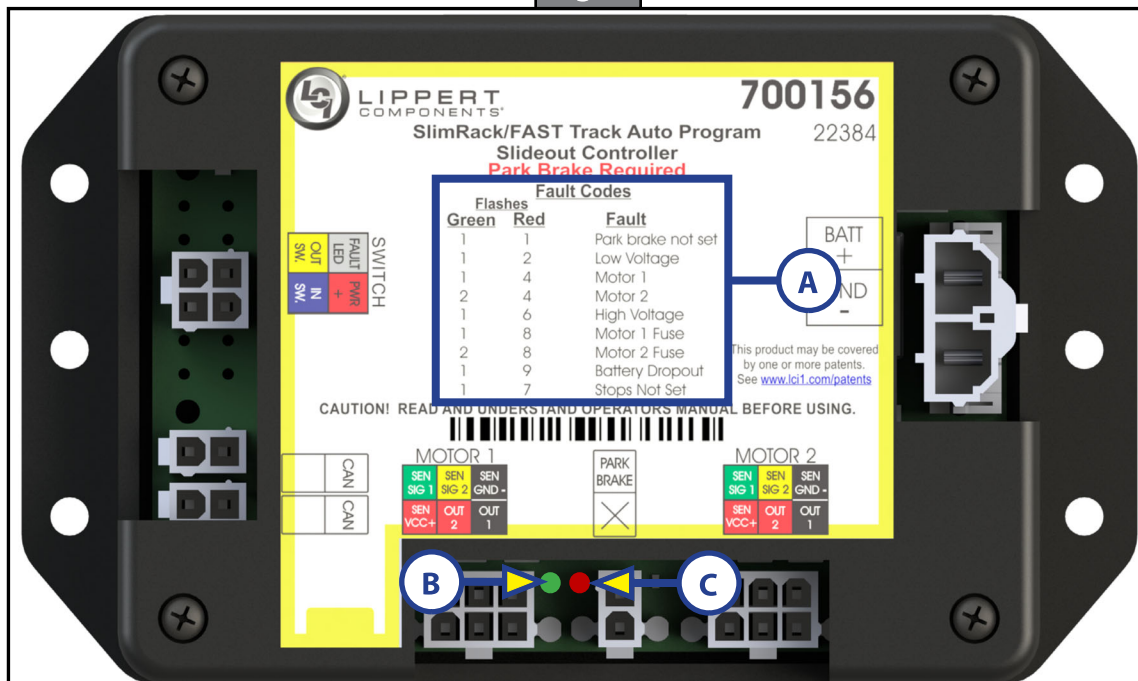


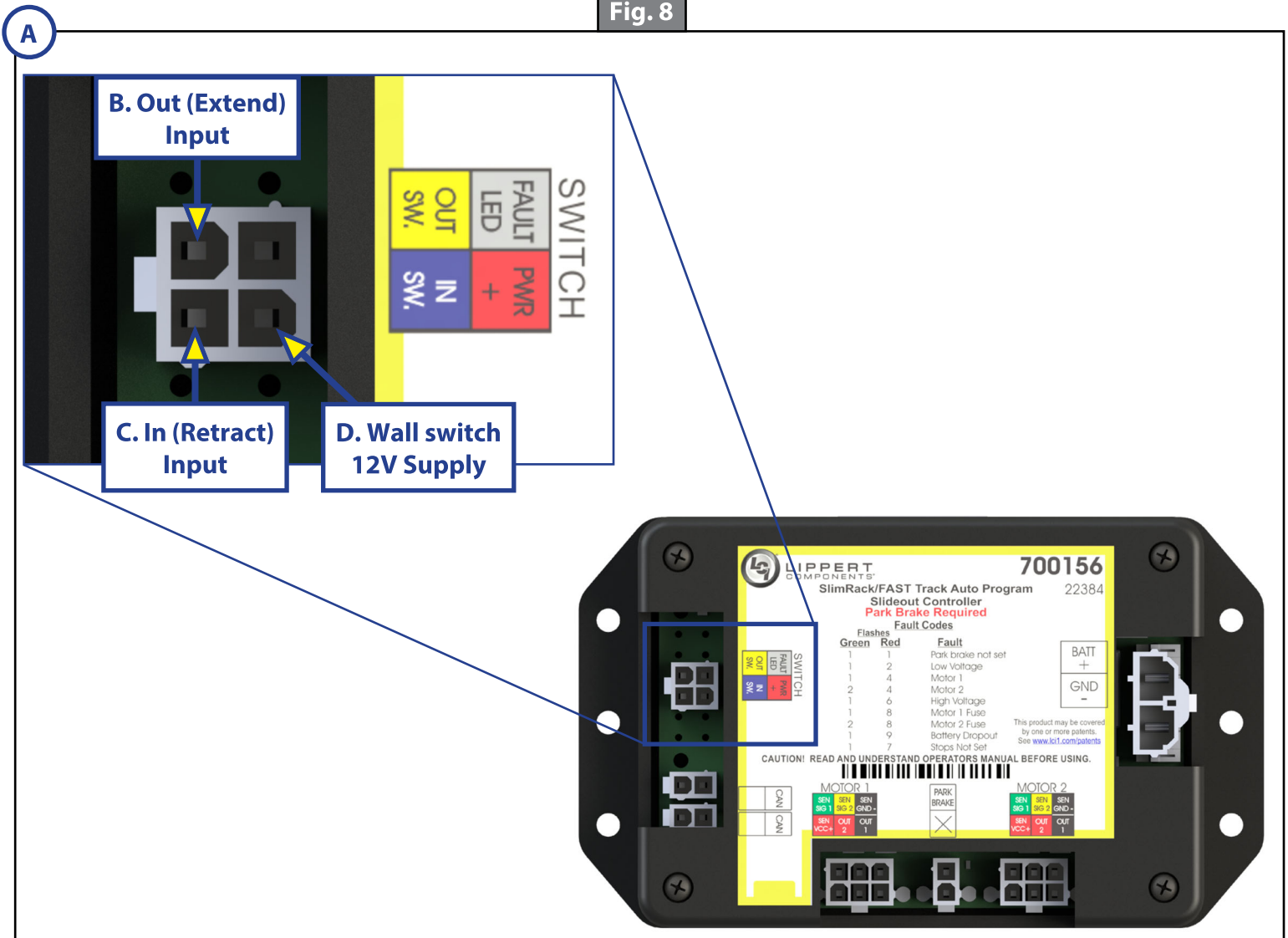
Fig. 7



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5. Attach the **OUT (Extend)** wire (Fig. 6A), **IN (Retract)** wire (Fig. 6B) and the **switch power** wire. (Fig. 6C) to their original connections on the back of the wall switch.
 6. Reinstall the wall switch.
 7. Continue with Setting Room Stops on the last page of this document.
 8. For units that use a CAN network communication system and do not have a physical wall switch, proceed as follows.
 9. Unplug the 4-pin harness from the receptacle (Fig 8A) at the controller.
 10. Using jumper wires at the receptacle (not the harness), connect the **OUT (Extend) input** (Fig. 8B) and the **IN (Retract) input** (Fig. 8C) together.
 11. Connect these to the **wall switch 12V supply** (Fig. 8D) for at least 5 seconds.
 12. Stops Not Set fault code is indicated by 1 green flash (Fig. 7B) and 7 red flashes (Fig. 7C) if no higher priority fault codes are already displayed.
- NOTE:** Fault codes are listed on the face of the control (Fig. 7A) and on the last page of this document.
13. Proceed to Setting Room Stops on the last page of this document.

Fig. 8



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Setting Room Stops

Setting the Retract Stop Point

1. Press and hold the IN button on the rocker switch (Fig. 5B).
2. Move the slide-out to the fully retracted position. Press and hold the IN button for three seconds after the slide-out stops moving. Release the rocker switch.
3. Visually inspect the slide-out's seal to make certain the slide-out is fully retracted. If not, press and hold the IN button until the slide-out is fully retracted. This procedure may need to be repeated until both sides of the slide-out are fully retracted.

Setting the Extend Stop Point

1. Press and hold the OUT button on the rocker switch (Fig. 5A).
2. Move the slide-out to the fully extended position. Press and hold the OUT button for three seconds after the slide-out stops moving. Release the rocker switch.
3. Visually inspect the slide-out's seal to make certain the slide-out is fully extended. If not, press and hold the OUT button until the slide-out is fully extended. This procedure may need to be repeated until both sides of the slide-out are fully extended.

Fault Codes

More information regarding fault codes can be found in the SlimRack® Auto-Programmable Slide-Out Owner's Manual: <https://lci-support-doc.s3.amazonaws.com/manuals/slideouts/slimrack/ccd-0004330.pdf>

Fault Codes		
Flashes		Fault
Green	Red	
1	2	Low Voltage
1	4	Motor 1
2	4	Motor 2
1	6	High Voltage
1	8	Motor 1 Fuse
2	8	Motor 2 Fuse
1	9	Battery Dropout
1	7	Stops Not Set