F.A.S.T. Track® Slide-out

Service Manual

TABLE OF CONTENTS

System Information 2
- Major Components 2

Safety Information 3

Prior to Operation 3

Operation 3
- Extending the Slide-Out Room 3
- Retracting the Slide-Out Room 3

Programming 4
- Setting the Retract Stop Point 4
- Setting the Extend Stop Point 4

Troubleshooting 4
- Fault Codes 4
- Troubleshooting Flow Chart - 4 Red LED Flashes 6
- Manual Override 7

Wiring 8

Service Instructions 9
- Safety Information 9
- Motor Cover Replacement 10
- Motor Replacement 10
- Interior Column Clamp Replacement 11
- Exterior Wipe Seal / Bulb Seal / Interior Wipe Seal Replacement 12
- Exterior Mounting Bracket Replacement 13
- Interior Mounting Bracket Replacement 14
- Cable Replacement 15
- Room Guide Kit Replacement 18
- Check Points Before Operating the FAST Track Slide-Out 18

Notes 19

System Information

The F.A.S.T. Track® Slide-Out is a cable-driven system that is operated by a 12V DC electric motor. The system is designed to actuate rooms up to 2,000 lbs and 40" of stroke. Room slide-out systems rated for higher weight or longer strokes can be obtained. Please contact Lippert for application assistance.

Major Components

- Vertical column that mounts into the side wall opening
- Horizontal cables that actuate the room
- A 12V DC gear motor that operates the room using power from the battery
- A specially designed control box that gives the user full control of room movement. The control box has programmable stops. When programmed, the stops limit extend and retract and have the ability to detect faults for ease in troubleshooting.
- Harnesses to connect the rocker switch and motors to the control box.

Safety Information

⚠WARNING

The FAST Track Slide-out is intended for the sole purpose of extending and retracting a slide-out room. Its function should not be used for any other purpose. To use the system for any purpose other than its original design may result in death, serious injury or damage to the unit.

⚠WARNING

Failure to act in accordance with the following may result in death, serious injury, unit or property damage.

Prior to Operation

1. To optimize slide-out actuation, the unit **MUST** be parked on solid, level ground.
2. Inspect all connections at the controller and verify they are securely attached.
3. Verify there are no obstructions that could hinder normal movement of the slide-out room.
4. Be sure there is ample voltage being supplied to the slide-out controller.
5. Set the parking brake, if applicable.
6. The ignition of the unit **MUST** be turned off in order to operate the slide-out system, if applicable.

⚠WARNING

Always make sure that the slide-out room path is clear of people and objects before and during operation of the slide-out.

Operation

Extending the Slide-Out Room

1. If equipped, remove the transit bars.
2. If equipped, turn "ON" the on/off switch or key.
3. Press and hold the "OUT" or "EXT" button. There will be a slight delay before the slide-out room will begin to move. This is normal.
4. Release the button when the slide-out room is fully extended and stops moving.
5. If equipped, turn "OFF" the on/off switch or key.

Retracting the Slide-Out Room

1. If equipped, turn "ON" the on/off switch or key.
2. Press and hold the "IN" or "RET" button. There will be a slight delay before the slide-out room will begin to move. This is normal.
3. Release the button when the slide-out room is fully retracted and stops moving.
4. If equipped, turn "OFF" the on/off switch or key.
5. If equipped, replace the transit bars.

Programming

NOTE: When retracting or extending, the switch will need to be depressed and held for 2 seconds after the room stops moving. Failure to do so will cause the stops not to set.

⚠WARNING

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

Setting the Retract Stop Point

1. Press and hold the "IN" or "RET" button on the wall rocker switch.
2. Move the room to the fully retracted position. Press and hold the "IN" or "RET" button for 2 seconds after the room stops moving. Release the wall switch after you hear a click in the controller.
3. Visually inspect the room seal to make certain the room is fully retracted. If it is not, push and hold the "IN" or "RET" button until 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" or "EXT" button on the wall rocker switch.
2. Move the room to the fully extended position. Press and hold the "OUT" or "EXT" switch for 2 seconds after the room stops moving. Release the wall switch after you hear a click in the controller.
3. Visually inspect the room seal to make certain the room is fully extended. If it is not, push and hold the "OUT" or "EXT" button until fully extended. This procedure may need to be repeated until both sides of the slide-out are fully extended.

Troubleshooting

The troubleshooting chart in this section outlines some common problems, their causes and possible corrective actions. If any part or serial number information is available, provide it to the service technician when asking for assistance.

When something restricts room travel, system performance will be unpredictable. It is very important that the entire slide system be free of contamination and allowed to travel full distance (stroke). Ice or mud build-up during travel is an example of some types of contamination that can occur. When troubleshooting the system, make sure the battery is fully charged, there are no visible signs of external damage to the system and that all connections are secure.

During troubleshooting, remember that any change may affect something else. Make sure any change made, will not effect anything else.

Fault Codes

The controller has the ability to detect and display several faults within the slide-out system. When a fault is detected, the room movement may stop and 2 different LED lights on the controller will flash in a particular pattern indicating the proper action needed to clear the fault.

- The Motor LED will flash GREEN 1 or 2 times, indicating which motor is experiencing the associated fault. For example, 1 GREEN flash indicates Motor 1 and 2 GREEN flashes indicates Motor 2.

- The Fault Code LED will flash RED a number of times, indicating the determined fault. Refer to the troubleshooting chart below to best determine the cause of the fault.

NOTE: When motor movement is not detected by the control box in either direction during room actuation, the controller will automatically enter into "Emergency Jog" mode. When in "Emergency Jog" mode, the controller will jog both motors in the direction the switch is pressed i.e. "IN" or "OUT". The switch may need to be pressed multiple times to fully retract or extend the slide-out room. Take the unit to an OEM-authorized dealer for service.

NOTE: The control box will return to normal mode after 5 minutes of inactivity or by cycling power to the control box.

Error Code Chart Control 366701		
What Is Happening?	Why?	What Should Be Done?
1 Red Flash	Parking brake (if applicable) is not set.	Set parking brake (if applicable).
	Ground signal is lost at parking brake receptacle at control box.	Check for continuity to ground on wire plugged into parking brake receptacle at control box.
2 Red Flashes	Incoming voltage to control is below 12V DC. The room will not move if the voltage is 10.5V DC or below.	Start vehicle, generator, or make sure the unit is plugged into shore power. Check 2-pin power connector at the control box at BATT + and GND. Consult manufacturer of unit charging system for troubleshooting assistance.
4 Red Flashes	Bad wire connection.	Refer to TIP Sheet 82-SO533 for troubleshooting.
	Bad motor.	
6 Red Flashes	Supply voltage to control box is 17V DC or greater.	Consult manufacturer of unit charging system for troubleshooting assistance.

Error Code Chart Controls 697096 & 700156		
What Is Happening?	Why?	What Should Be Done?
1 Red Flash	Parking brake (if applicable) is not set.	Set parking brake (if applicable).
	Ground signal is lost at parking brake receptacle at control box.	Check for continuity to ground on wire plugged into parking brake receptacle at control box.
2 Red Flashes	Incoming voltage to control is below 12V DC. The room will not move if the voltage is 10.5V DC or below.	Start vehicle, generator, or make sure the unit is plugged into shore power. Check 2-pin power connector at the control box at BATT + and GND. Consult manufacturer of unit charging system for troubleshooting assistance.
4 Red Flashes	Bad wire connection.	Refer to TIP Sheet 82-SO533 for troubleshooting.
	Bad motor.	
6 Red Flashes	Supply voltage to control box is 17V DC or greater.	Consult manufacturer of unit charging system for troubleshooting assistance.
7 Red Flashes	• Stops have not been set • Stops were cleared • Stops were improperly set	Stops need to be programmed according to the programming instructions in this document.
8 Red Flashes	Motor fuse concern	Contact Lippert Representative.
9 Red Flashes	Battery dropped below 8.5V while extending or retracting slides.	Change battery, start vehicle, generator, or make sure unit is plugged into shore power

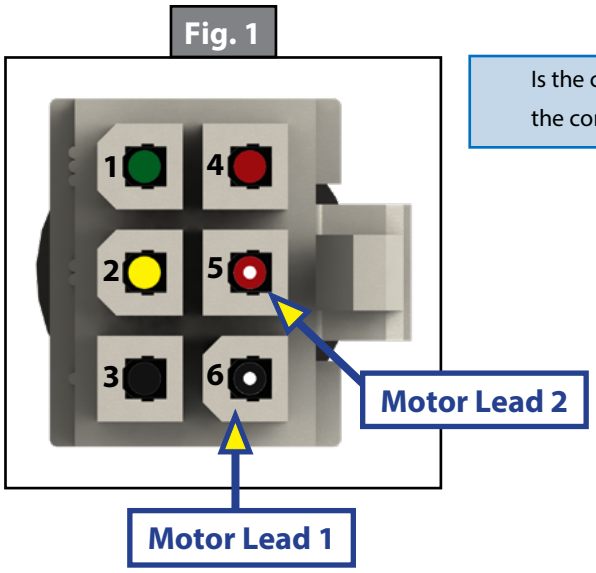
Troubleshooting Flow Chart - 4 Red LED Flashes

Start

Control box is not operating because it senses one of these conditions:

- **A.** Bad or Loose harness connection
- **B.** Low voltage
- **C.** One or more motors not moving
- **D.** Reversed motor wires
- **E.** Reversed encoder signal wires

Fig. 1



Is the control to motor harness plugged into the correct ports at the control box?

NO → Correctly plug in the harness and try to operate the slide-out room. Does the slide-out room operate?

NO → Unplug the motor 1 connector at the slide-out control box. Does the motor operate when direct 12V DC is applied to the motor leads (Fig. 1)

YES → End

YES → Are the connectors pinned correctly at each end of the 6 pin control to motor harness?

NO → Plug motor 1 harness back into the control box. Unplug the motor connector at motor 1. Does the motor operate when direct 12V DC is applied to the red wire and ground to the black wire at the slide-out motor leads?

YES → Continuity test control to motor harness. Do you have continuity through each wire from end to end of the harness?

NO → Re-pin the 6 pin control harness correctly. → End

YES → Test the sensors on the motor per Power Gear document #82-S0534

NO → Replace the slide-out motor. → Program the IN and OUT stops. See the Programming section in this manual. → End

NO → Repair or replace the harness. → End

YES → Test the sensors on the motor per Power Gear document #82-S0534

Manual Override

1. Disconnect the wire harness from the motor lead (Fig. 2A).
2. Remove the screws (Fig. 3B) fastening the interior column clamp (Fig. 3C) to the wall.
3. Detach the interior column clamp from the column and set aside.
4. Remove the 2 screws (Fig. 3A) that hold the motor cover (Fig. 4A) to the column (Fig. 3D) and remove the motor cover.
5. Disengage the motor from the drive sprocket assembly (Fig. 5A).
6. Repeat Steps 1-5 on the opposite column.
7. Slide the room in or out manually by pushing or pulling on both sides of the room.
8. Once fully manually extended or retracted, insert the motor into the drive sprocket assembly. This prevents the slide-out from moving freely.

Fig. 2

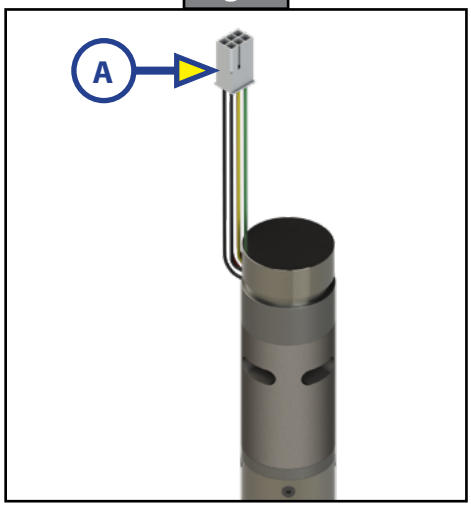
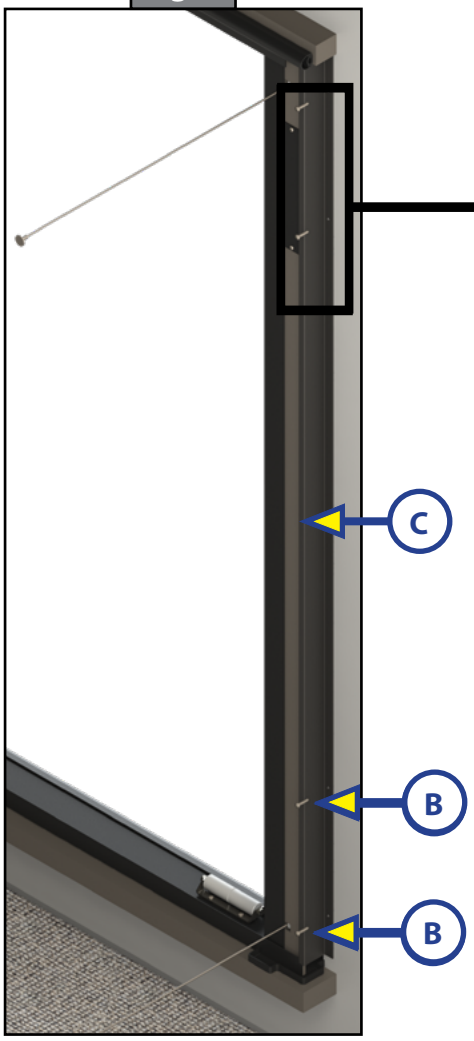


Fig. 3



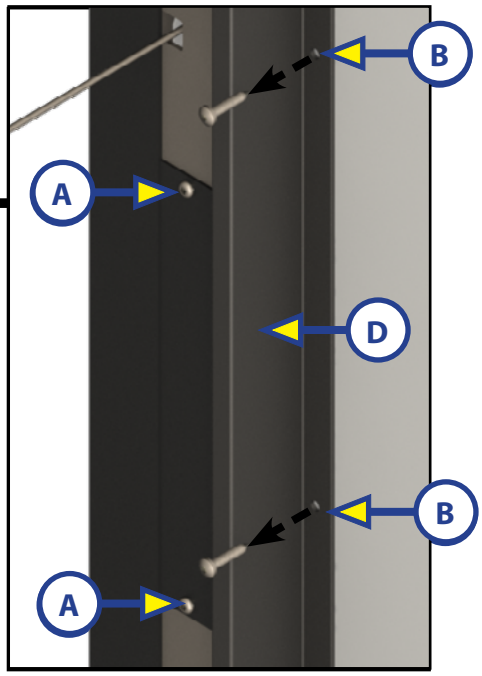


Fig. 4

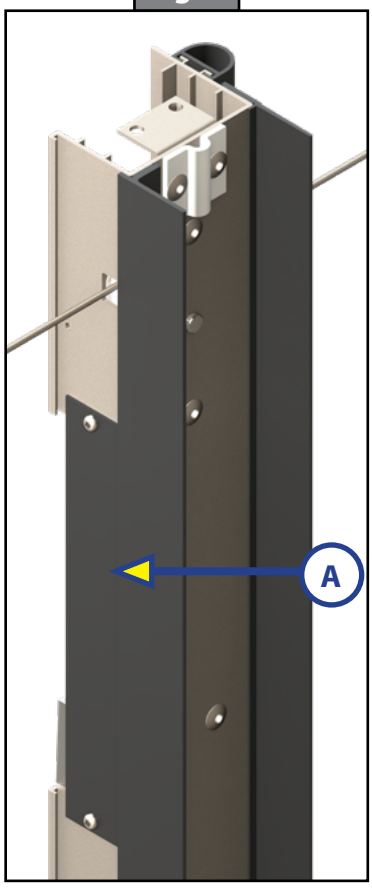


Fig. 5



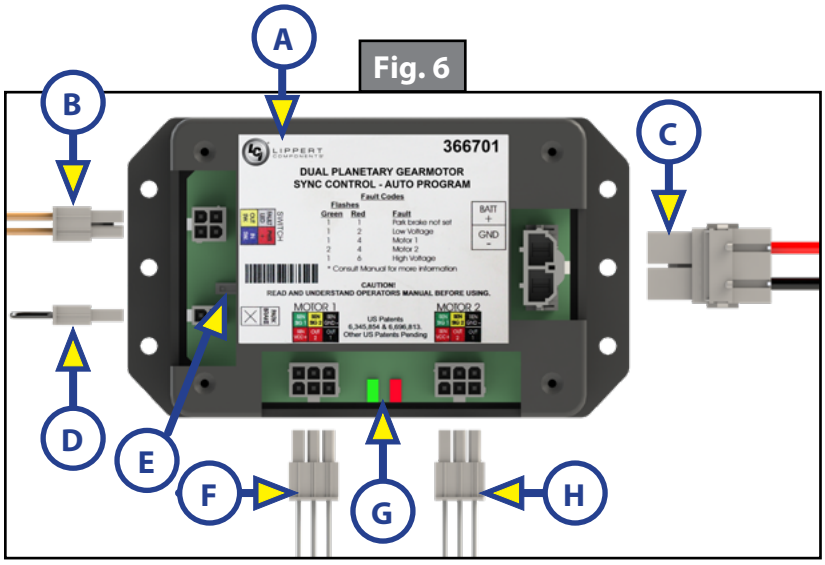
Wiring

NOTE: The controller (Fig. 6A & 7A) can be mounted in various locations of the unit. If the controller is not in a waterproof area the controller needs to be relocated to a waterproof area.

NOTE: When identifying motor 1 and motor 2, refer to Fig. 8.

NOTE: On original controls, when the mode switch (Fig. 6E) is in the left position the controller will not operate the slide-out room unless a park brake signal is found. With the mode switch moved to the right position, the controller will bypass the safety feature. For all trailers, the switch will need to be in the right position.

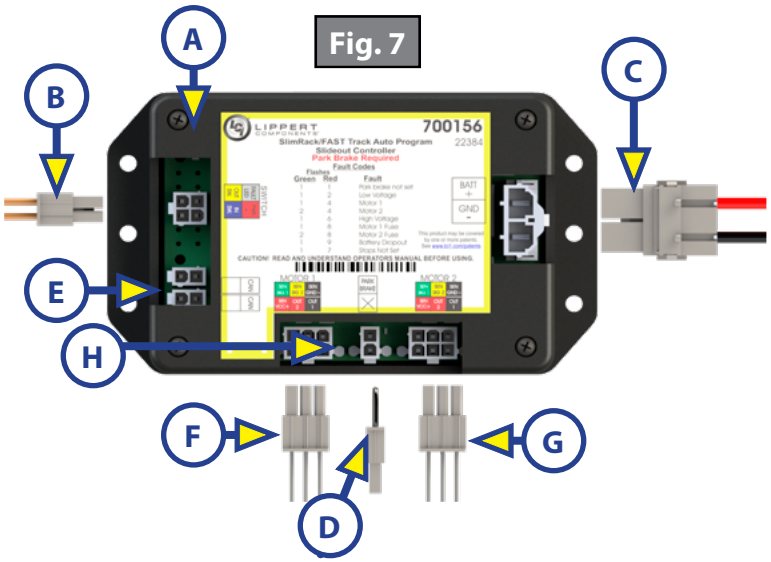
Fig. 6



Callout	Description ORIGINAL
A	Controller
B	Switch Harness
C	Power Harness
D	Park Brake Input Harness
E	Mode Switch
F	Motor 1 Harness
G	Indicator Lights
H	Motor 2 Harness

NOTE: Current controls do not have a mode switch (Fig. 6E) as referenced above. There are two current controls: 697096 for trailers and 700156 (Fig. 7A) for motorized units. Control 700156 requires a park brake signal before it will allow the room to operate, 697096 does not.

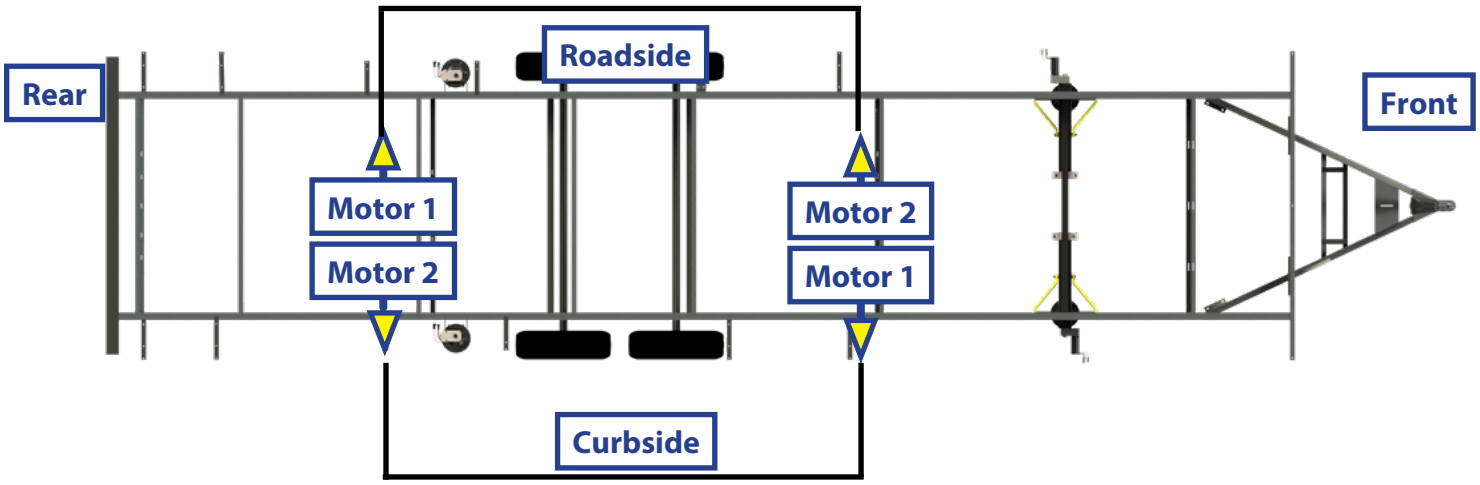
Fig. 7



Callout	Description CURRENT
A	Controller
B	Switch Harness
C	Power Harness
D	Park Brake Input Harness*
E	CANbus data harnesses (Optional)
F	Motor 1 Harness
G	Motor 2 Harness
H	Light Indicators

NOTE: *Park brake input harness (Fig. 7D) not used on towable unit control.

Fig. 8



Service Instructions

Safety Information

The FAST Track Slide-out is intended for the sole purpose of extending and retracting the slide-out room. Its function should not be used for any other purpose or reason other than to actuate the slide-out room. To use the system for any other reason other than its intended purpose may result in death, serious injury or damage to the unit.

⚠WARNING

Failure to act in accordance with the following may result in death, serious injury or property damage.

⚠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.

⚠CAUTION

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

Resources Required

- Screw Jacks or Proper Method to Support Room
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive Bits
- Adjustable Wrench
- 7⁄16" Pliers
- 3⁄8" Wrench
- Wire Rope Cutting Pliers (Optional)
- Rivet Gun

Motor Cover Replacement

1. Remove the #10 screws fastening the interior column clamp to the wall.
2. Remove the #10 x 3/4" screws attaching the interior column clamp to the FAST Track Slide-out system and set the column clamp aside.
3. Remove the two #8 15x 1/2" pan head screws (Fig. 9A) in the motor cover (Fig. 9B) in the cut out portion of the housing column.
4. Remove the old motor cover and install the new motor cover.
5. Secure the motor cover with two #8 15x 1/2" pan head screws (Fig. 9A).
6. Working from the inside of the unit, place the column clamp in the corresponding channel on the interior edge of the FAST Track Slide-out column. For proper functioning, ensure a uniform seat throughout the length of the clamp.
7. Using #10 x 3/4" screws, attach the clamp to the inside of the FAST Track Slide-out system.
8. Using #10 screws, fasten the column clamp to the wall of the unit.

Motor Replacement

1. Remove the #10 screws fastening the interior column clamp to the wall.
2. Remove the #10 x 3/4" screws attaching the interior column clamp to the FAST Track Slide-out system and set the column clamp aside.
3. Remove the two #8 15x 1/2" pan head screws (Fig. 9A) in the motor cover (Fig. 9B) in the cut out portion of the housing column and set the motor cover aside.
4. Disconnect the wire motor harness from the motor.
5. Remove the motor (Fig. 10C) from the drive sprocket assembly (Fig. 10B).
6. Install the new motor by sliding the drive shaft of the motor (Fig.10C) into the drive sprocket assembly (Fig. 10B).

NOTE: The motor will sit at an angle.

NOTE: Be sure the motor wires remain inside the column, exiting the top of the housing column (Fig. 10A).

Fig. 9

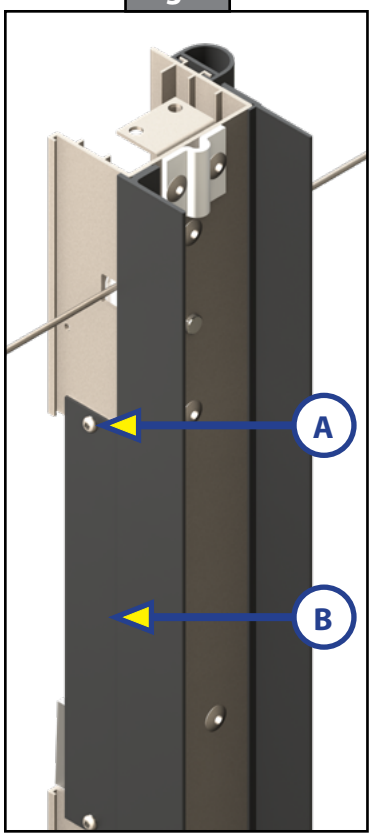
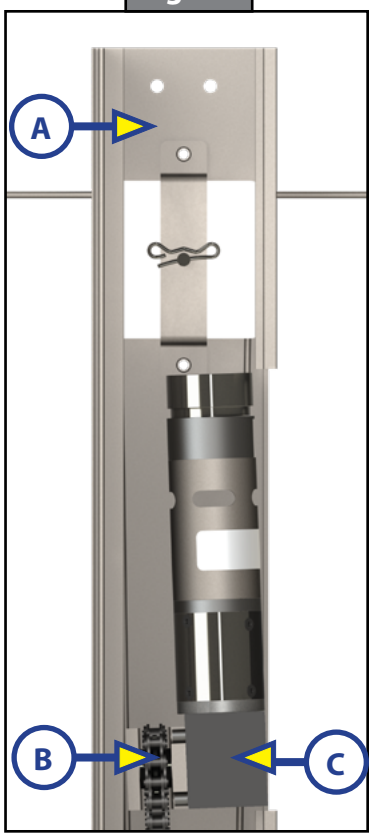


Fig. 10



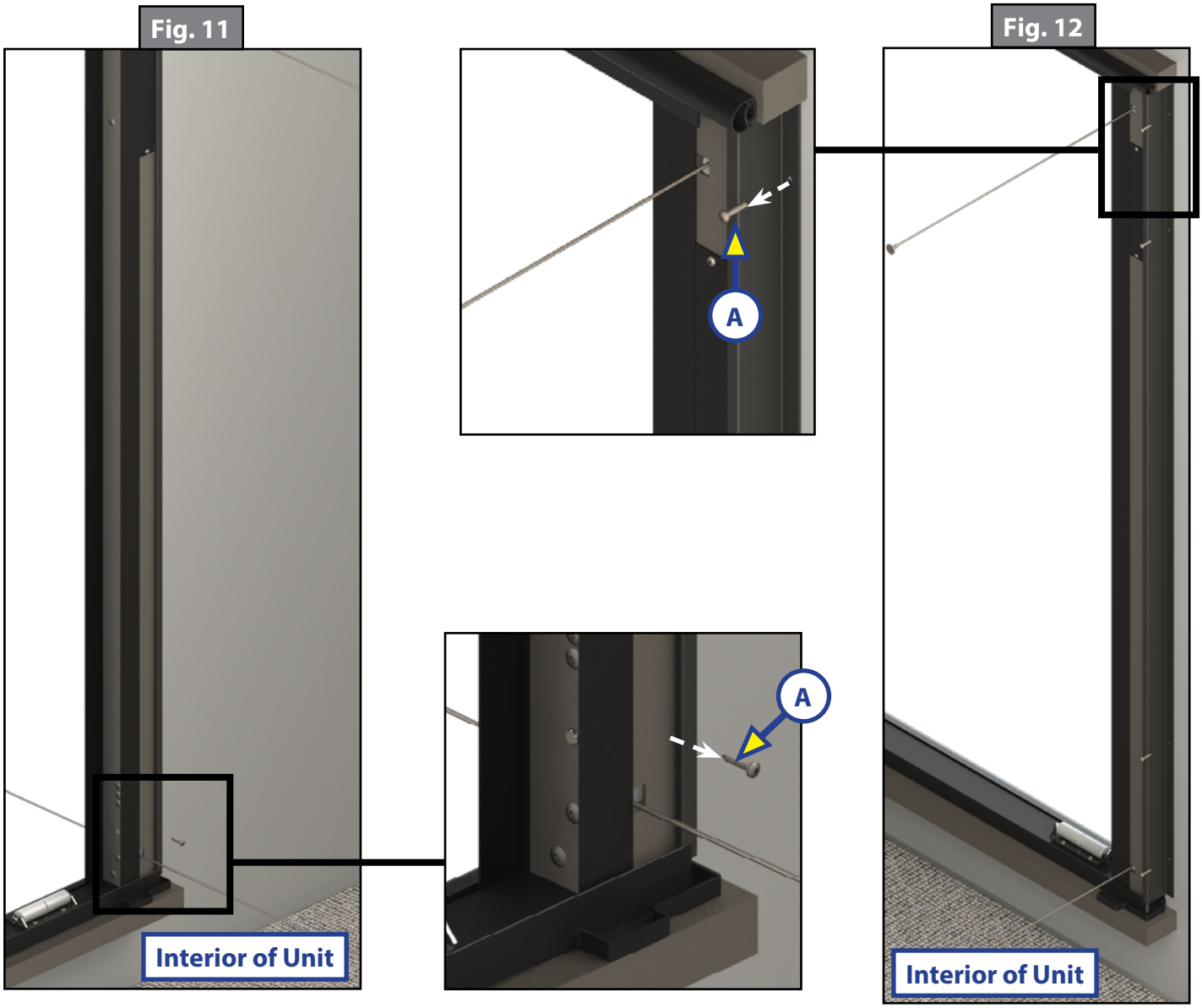
7. Reconnect the wire motor harness to the motor.
8. Place the motor cover (Fig. 9B) over the cut out portion of the housing column and secure with two #8 15x 1/2" pan head screws (Fig. 9A).
9. Working from the inside of the unit, place the column clamp in the corresponding channel on the interior edge of the FAST Track Slide-out column. For proper functioning, ensure a uniform seat throughout the length of the clamp.
10. Using #10 x 3/4" screws, attach the clamp to the inside of the FAST Track Slide-out system.
11. Using #10 screws, fasten the column clamp to the wall of the unit.

Interior Column Clamp Replacement

NOTE: The FAST Track Slide-out column clamps are available in 4 profiles to accommodate the unit's wall thickness.

NOTE: For laminate builds, Lippert requires the use of #10 x 1" self-tapping screws for securing the FAST Track Slide-out column to the unit. For stick and tin builds, Lippert requires the use of #10 x 1" wood screws for securing the FAST Track Slide-out column to the unit.

1. Remove the 2 screws from the seam of the FAST Track Slide-out column and the column clamp. There is 1 screw located at the top and 1 screw at the bottom (Fig. 11A) of the FAST Track Slide-out column clamp.
2. Remove the clamp from the interior wall by removing all screws top (Fig. 12A) to bottom of the column clamp.



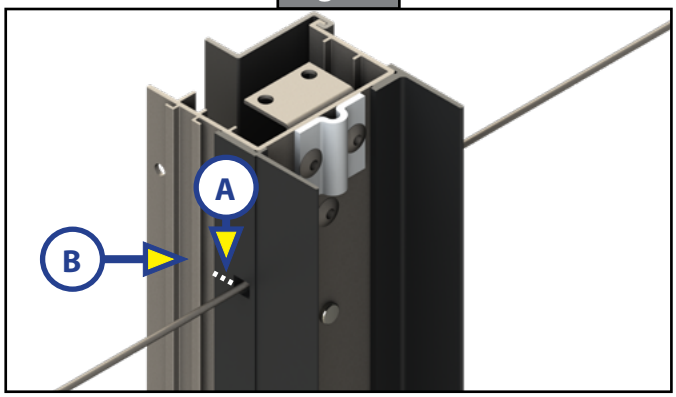
3. Remove the old interior column clamp and replace with the new interior column clamp.
4. Working from the inside of the unit, place the column clamp in the corresponding channel on the interior edge of the FAST Track Slide-out column. For proper functioning, ensure a uniform seat throughout the length of the clamp.
5. Holding the column clamp in place, secure two #10 x 1" self-tapping screws to the seam of the FAST Track Slide-out column and the column clamp, 1 located at the top and 1 located at the bottom of the FAST Track Slide-out column. Holes are pre-drilled.
6. Secure the clamp to the interior wall using #10 x 1" screws. Begin with securing 1 at the top and 1 on the bottom of the column clamp, and then securing the midsection. Holes are pre-drilled.

Exterior Wipe Seal / Bulb Seal / Interior Wipe Seal Replacement

Exterior Wipe Seal

1. Measure from the top of the housing column down to where the cable comes out on the old seal and note the distance.
2. Remove the old exterior wipe seal by simply pulling it off.
3. Prepare the housing column surface using adhesion promoter or 50/50 alcohol to water mix to clean and prepare the area for complete adhesion of sealant.
4. On the short side of the new seal where the sealant is, measure from the top of the seal down the same measurement as in step 1 and mark the location on the new exterior wipe seal.
5. Punch a hole and cut a slit (Fig. 13A) at the marked location for the cable to be inserted.
6. Remove the liner from the adhesive tape on the backside of the exterior wipe seal.
7. Starting at the top of the housing column press the seal firmly along the housing column until the slit has been reached. Slide the cable wire into the slit and set into the hole. Continue pressing the new seal into place.

Fig. 13



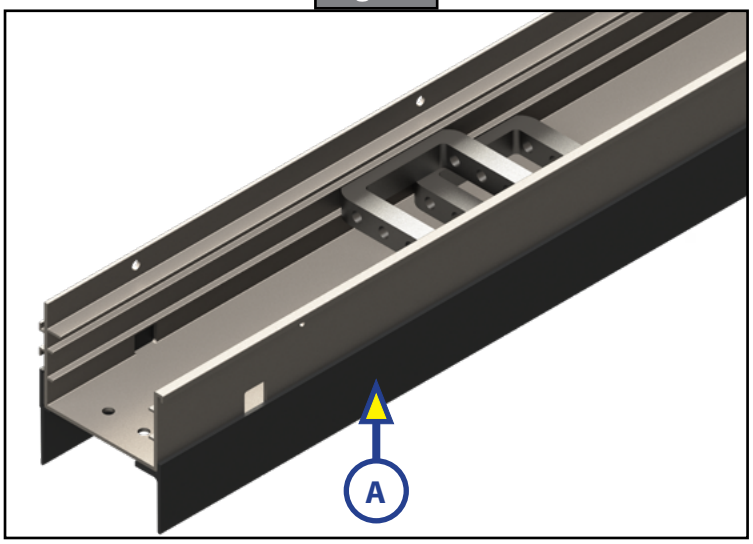
Bulb Seal

1. Remove any screws that might be holding the seal in place.
2. Slide the old seal out from the track (Fig. 13B) and replace with the new bulb seal.
3. Replace any screws to hold into place.

Interior Wipe Seal

1. Remove the old interior wipe seal (Fig. 14A) by simply pulling it off.
2. Prepare the housing column surface using adhesion promoter or 50/50 alcohol to water mix to clean and prepare the area for complete adhesion of sealant.
3. Remove the liner from the adhesive tape on the backside of the interior wipe seal.
4. Starting at the top of the housing column press the seal firmly along the housing column until the end has been reached.

Fig. 14



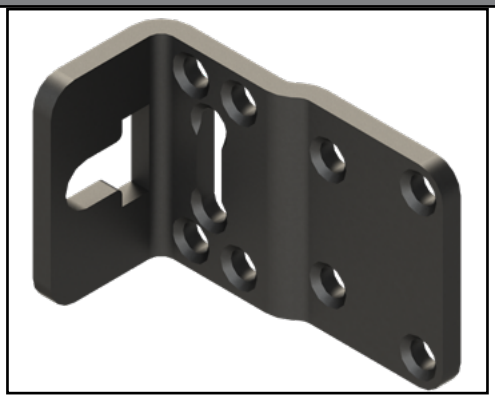
Exterior Mounting Bracket Replacement

NOTE: The types of screws used for installation will differ dependent on the type of wall construction. For laminate builds, Lippert requires the use of #10 self-tapping flat head screws be used with the bracket in (Fig. 15 and Fig. 16). For stick and tin builds, Lippert requires the use of #10 flat head wood screws be used with the bracket in (Fig. 16).

Fig. 15 - Laminate



Fig. 16 - Stick and Tin and Laminate



1. Remove all screws but one top screw of the interior mounting bracket. Gently allow the interior bracket to pivot clockwise, releasing the tension (Fig. 17A).
2. Remove all screws in the exterior mounting bracket (Fig. 18A).
3. Slide the cable anchor out the old exterior mounting bracket and discard the old exterior bracket.
4. Install the new exterior bracket with the previously removed screws.
5. Insert the cable anchor into the new exterior mounting bracket.

NOTE: When installing the exterior mounting brackets, tension **MUST** be placed on the cables during installation. This is accomplished by using an adjustable wrench for leverage.

6. Attach an adjustable wrench to the interior mounting bracket angle. Pivot the interior bracket with the adjustable wrench counter clockwise (Fig. 19D), so that the other holes are aligned with the interior bracket and tension is placed back onto the cable.
7. Secure the interior bracket with the previously removed screws.

NOTE: The cable (Fig. 19C) **MUST** be parallel with the floor of the slide-out room, perpendicular to the slide-out column (Fig. 19B), and in line with the cable exit hole (Fig. 19A).

Fig. 17

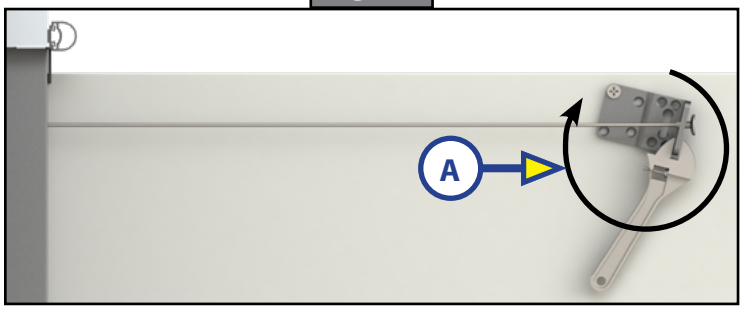
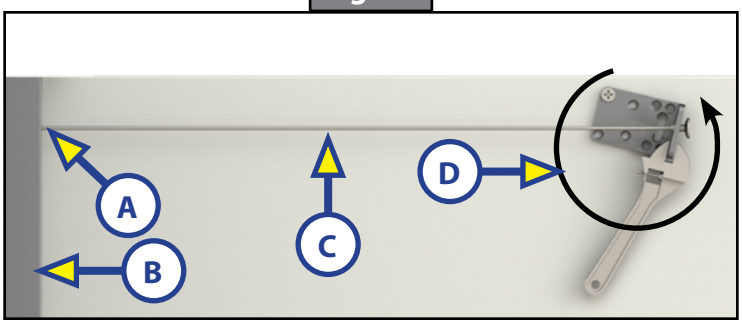


Fig. 18



Fig. 19



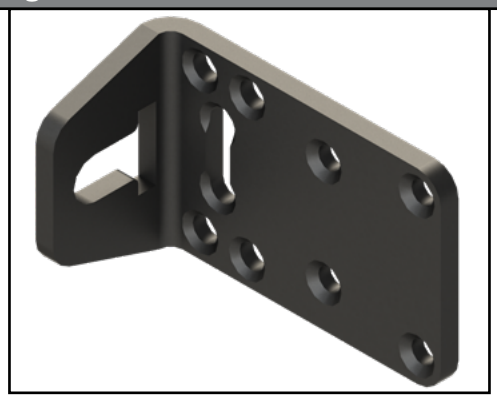
Interior Mounting Bracket Replacement

NOTE: The types of screws used for installation will differ dependent on the type of wall construction. For laminate builds, Lippert requires the use of #10 self-tapping flat head screws be used with the bracket in (Fig. 20 and Fig. 21). For stick and tin builds, Lippert requires the use of #10 flat head wood screws to be used with the bracket in (Fig. 21).

Fig. 20 - Laminate (Optional)



Fig. 21 - Stick and Tin and Laminate



NOTE: Images illustrate an interior bracket (Fig. 22) being installed on a laminate build with #10 self-tapping flat head screws. The length of the screw is dependent on the backer construction.

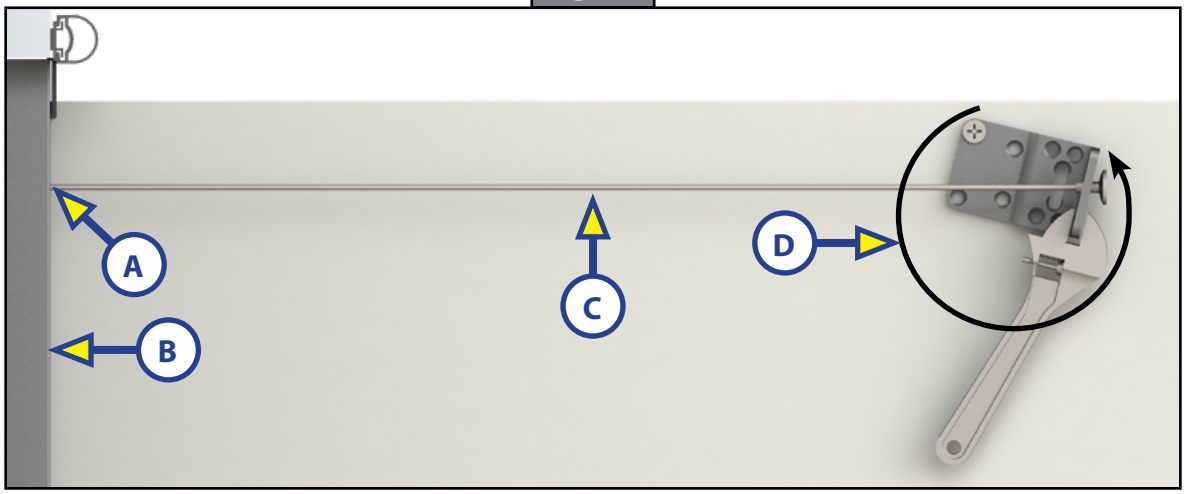
1. Remove the lower screws and all but one top screw of the interior mounting bracket. Gently allow the bracket to pivot clockwise, releasing the tension.
2. Remove the remaining screw in the old interior mounting bracket.
3. Slide the cable anchor out the old interior mounting bracket and discard the old interior bracket.
4. Insert the cable anchor into the new interior mounting bracket.

NOTE: When installing the interior mounting brackets, tension **MUST** be placed on the cables during installation. This is accomplished by using an adjustable wrench for leverage.

5. Align the bracket with the cable anchor inserted with the top hole of the slide-out room and secure with 1 screw at the top.
6. Attach an adjustable wrench to the new interior mounting bracket angle. Pivot the interior bracket with the adjustable wrench counter clockwise (Fig. 22D), so that the other holes are aligned with the interior bracket and tension is placed back onto the cable.
7. Secure the interior bracket with the previously removed screws.

NOTE: The cable (Fig. 22C) **MUST** be parallel with the floor of the slide-out room, perpendicular to the slide-out column (Fig. 22B), and in line with the cable exit hole (Fig. 22A).

Fig. 22



Cable Replacement

To replace the cable, the entire column should to be removed from the unit and placed into a work area. Locate which cable needs to be replaced. See Fig. 23, Fig. 24 and Fig. 25 for reference.

Fig. 23

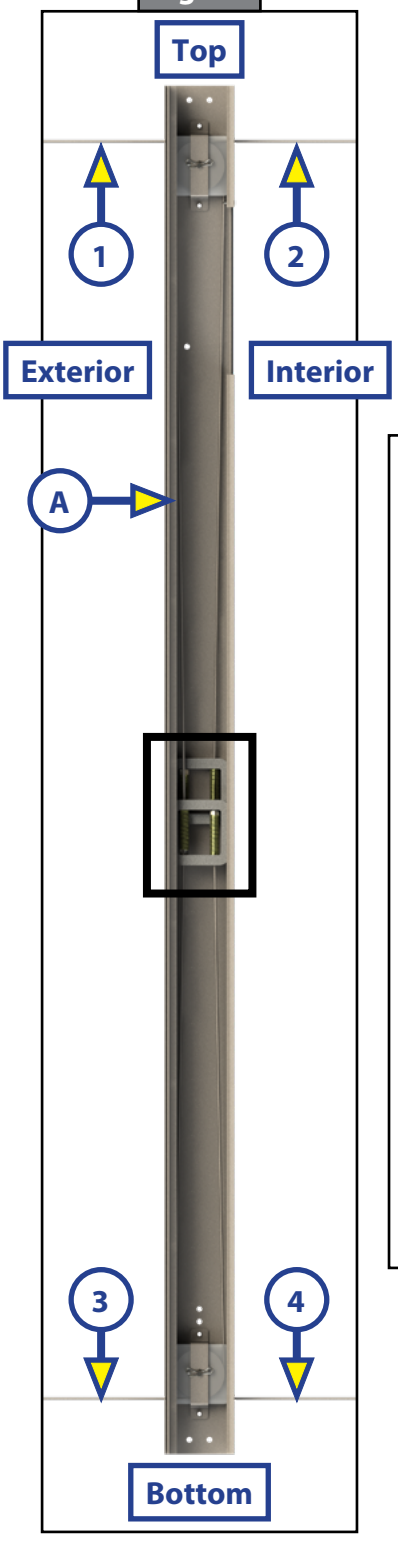


Fig. 24

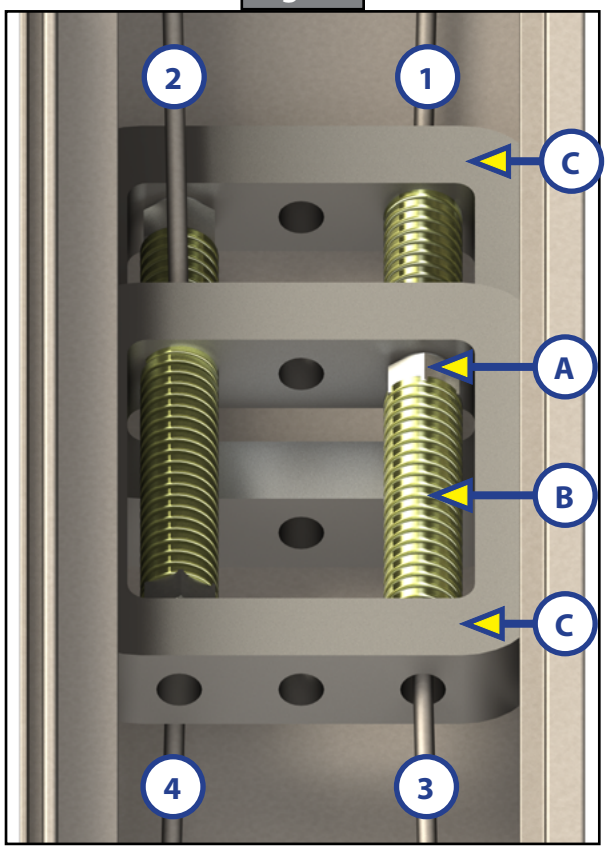
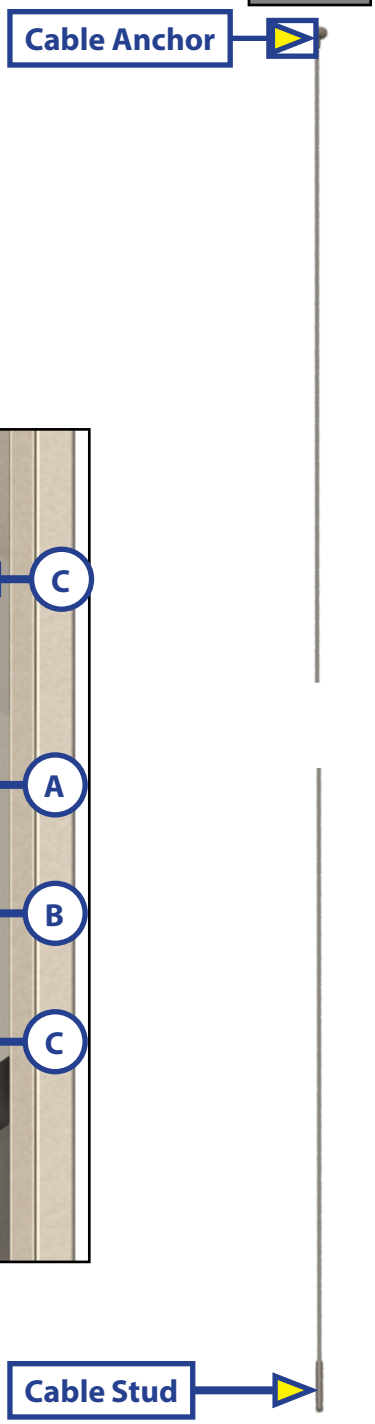


Fig. 25



1. Extend the slide-out room half way out and support the slide room with a floor jack or other adequate support before continuing.
2. Disconnect the wire harness from the motor lead (Fig. 2A).
3. Release the tension on the cables. Loosen the top and bottom exterior and interior mounting brackets on the side of the slide-out room where the cable is to be replaced.
4. Remove the cables from the mounting brackets.
5. Remove the screws attaching the interior column clamp (Fig. 3C) to the wall.
6. Detach the interior column clamp from the column and set the interior column clamp aside.
7. Locate the anchor tab (Fig. 26A) at the upper end of the FAST Track Slide-out column. Using a right angle drill to get inside of the column, remove the screws (Fig. 26B).
8. Locate the anchor tab (Fig. 27B) at the lower end of the FAST Track Slide-out column. Using a right angle drill to get inside of the column, remove the screws (Fig. 27A).

Fig. 26

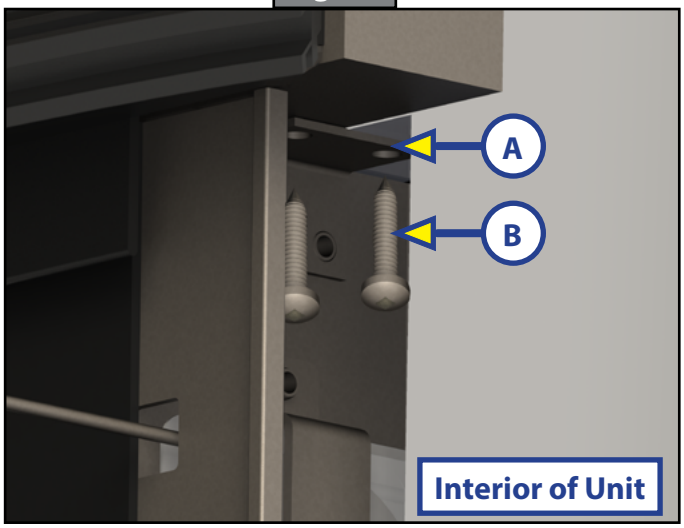
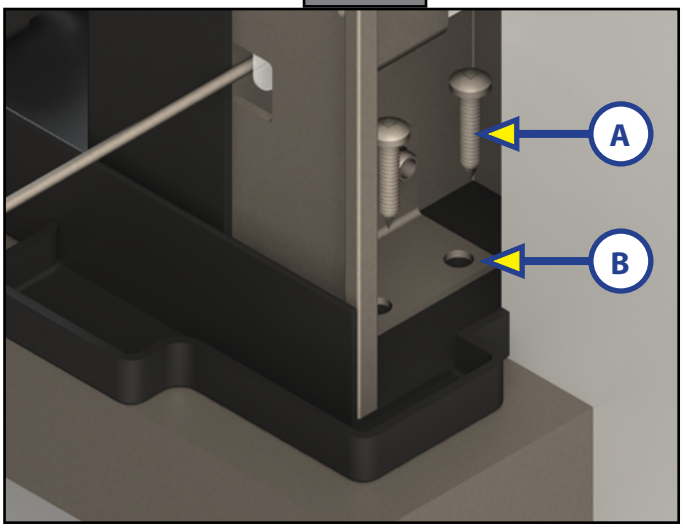
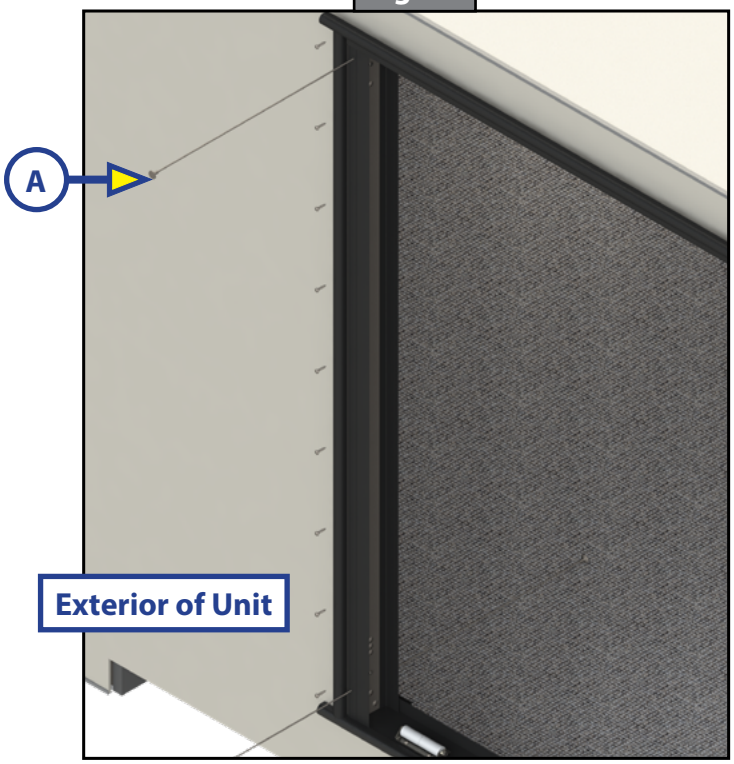


Fig. 27



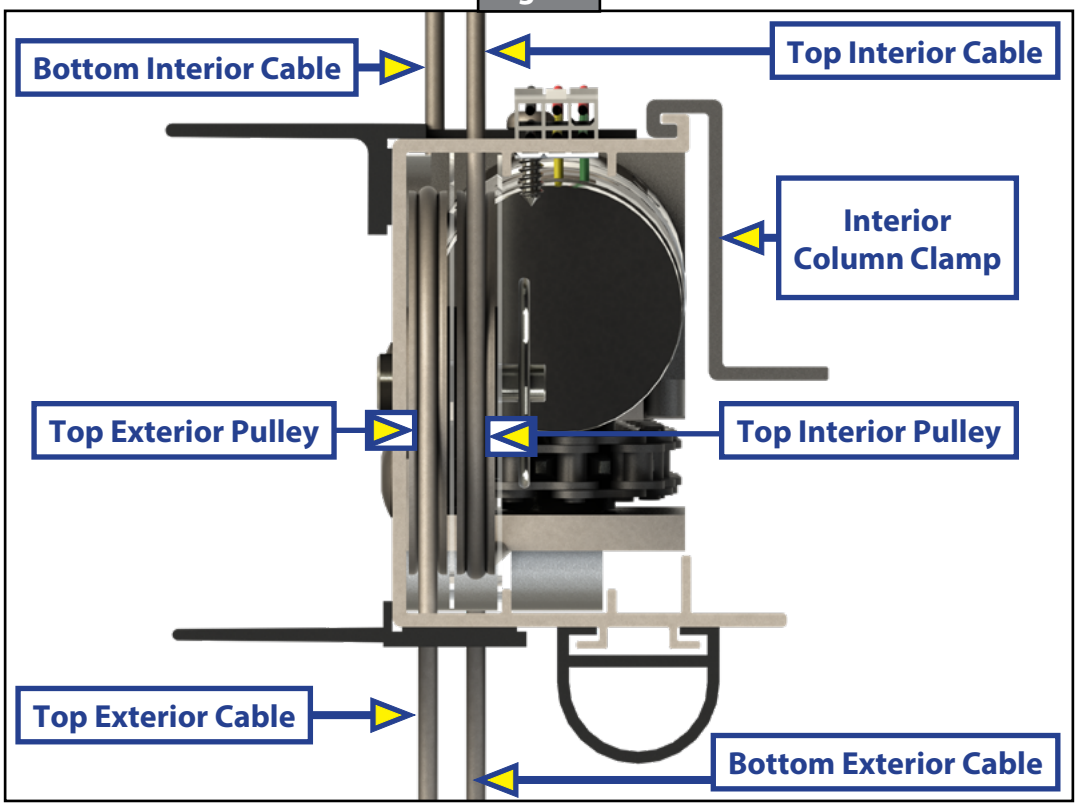
9. From the outside of the unit, remove the fasteners holding the slide-out column (Fig. 28A).
10. Remove the column from the wall and place in a work area.

Fig. 28



11. Use wire rope cutting pliers to cut the damaged cable in two. Back the of the exterior or interior cable wire out of the top or bottom of the column.
12. Using a 7/16" wrench, remove the lock nut (Fig. 24A) from the end of the cable stud.
13. Slide the cable stud from the steel die spring (Fig. 24B) out of the cable drive block (Fig. 24C) discard the other end of the cable.
14. Depending on what cable needs to be replaced, insert the stud end (Fig. 25) of the new cable through the top or bottom hole on the interior or exterior side of the housing column (Fig. 23A) and wrap the cable around the top or bottom pulley (Fig. 29) make sure the cable is seated in the correct pulley groove.

Fig. 29



15. Guide the cable up or down the interior column housing into the appropriate hole in the cable drive block (Fig. 24C).
16. Slide the steel die spring (Fig. 24B) onto the cable stud.
17. Using a 7/16" wrench tighten the lock nut (Fig. 24A) onto the end of the cable stud ensuring that the end of the cable stud is flush with the bottom edge of the lock nut.
18. Ensure that the steel die spring is seated inside the cable drive block.
19. Working from the inside of the unit, place the column clamp in the corresponding channel on the interior edge of the FAST Track Slide-out column. For proper functioning, ensure a uniform seat throughout the length of the clamp.
20. Using #10 x 3/4" screws, attach the clamp to the inside of the FAST Track Slide-out system.
21. Using #10 screws, fasten the column clamp to the wall of the unit.
22. Insert the cable anchors into the interior and exterior mounting bracket.
23. Install the exterior bracket with the previously removed screws.
24. Attach an adjustable wrench to the interior mounting bracket angle. Pivot the bracket with the adjustable wrench so that the other holes are aligned with the interior bracket and tension is placed back onto the cable (Fig. 22D).
25. Secure the interior bracket with previously removed screws.

Room Guide Kit Replacement

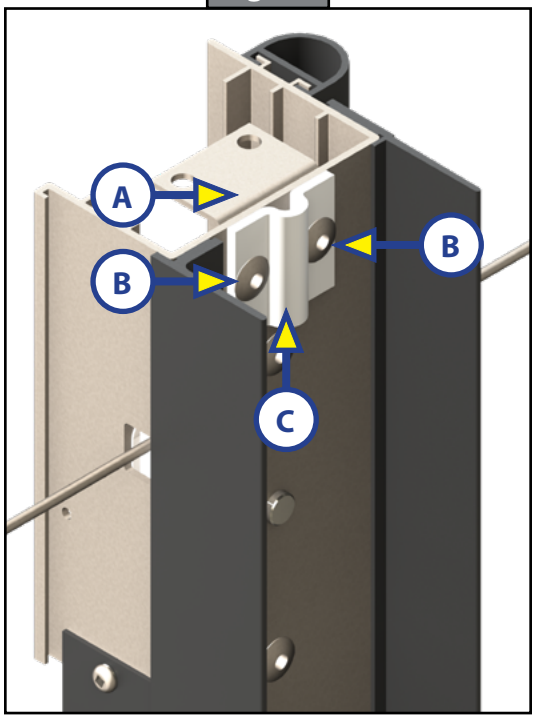
To replace the room guides, the entire column should to be removed from the unit and placed into a work area. Follow the Cable Replacement steps 1-10 for column removal and steps 19-25 to install the column after the room guides have been replaced.

1. Once the column is removed and placed in a work area, remove the 2 rivets (Fig. 30B) holding the room guide (Fig. 30C) and anchor tab bracket (Fig. 30A) in place and discard.
2. Position the new anchor tab bracket (Fig. 30A) on the inside of the column housing with the corner of the bracket flush with the edge.
3. Place the new room guide (Fig. 30C) on the back side of the column housing, sandwiching the column housing between the room guide and the anchor tab bracket (Fig. 30C).
4. Secure through all 3 layers with 2 new rivets (Fig. 30B).
5. Repeat steps 1-4 for the opposite end.
6. Do Cable Replacement steps 19-25 to install the column.
7. Housing between the room guide and the anchor tab bracket (Fig. 30C).
8. Secure through all 3 layers with 2 new rivets (Fig. 30B).
9. Repeat steps 1-4 for the opposite end.
10. Do Cable Replacement steps 19-25 to install the column.

Check Points Before Operating the FAST Track Slide-Out

- Ensure that the nut is flush with the end of the cable stud in the cable drive block.
- Ensure the steel die spring is flush inside the cable drive block.
- Ensure that the cable is on the right pulley and not caught on anything.
- The interior or exterior cable **MUST** be parallel with the floor of the slide-out room, perpendicular to the slide-out column and in line with the cable exit hole.

Fig. 30



Maintenance

The FAST Track® Cable Slide-Out 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:

- When the room is extended, visually inspect the slide system assemblies. Check for excess build-up of dirt or other foreign material. Remove any debris that may be present.
- If the system squeaks or makes any noises, wipe off any debris or dirt from the cables.
- If a slide-out cable is fraying, contact a Qualified Service Center Technician.

Notes

The contents of this manual are proprietary and copyright protected by Lippert Components, Inc. (LCI). LCI prohibits the copying or dissemination of portions of this manual unless prior written consent from an authorized LCI representative has been provided. Any unauthorized use shall void any applicable warranty. The information contained in this manual is subject to change without notice and at the sole discretion of LCI. Revised editions are available for free download from lippert.com.

Please recycle all obsolete materials.

For all concerns or questions, please contact
Lippert Components, Inc.
Ph: (574) 537-8900 | Web: lippert.com | Email: customerservice@lci1.com