EuroLoft™ Bed Lift Universal Kit

OEM INSTALLATION MANUAL

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Introduction

The EuroLoft™ Bed Lift distributed by Lippert Components, utilizes a unique nylon strap-based system, adaptable to a broad range of RV and heavy truck applications including cabs, living rooms, slide-out rooms and master bedrooms. The straps retract into the bed base, concealing the lifting system in the retracted position, permitting OEMs more floor plan design freedom. The nearly silent EuroLoft system is operated by a single motor that controls four support mounts to raise and lower the bed at 2.3 inches per second. The 800-pound capacity system can be customized in both size and configuration to maximize space in any motorhome, towable RV or truck cab floor plan design. The system can even "bend" to conform to wall curvatures found in some motorhome cabs.

For information on the assembly or individual components of this product, please visit: https://support.lci1.com/euroloft-bed-lift.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage.

Important Safety Information

- Safety devices shall not be tampered with for any reason.
- It is strictly forbidden to be on the bed lifting system while it is being operated.
- Do not interfere with the bed lifting system while operated, neither with any objects or with hands.
- Before starting the vehicle engine and driving, always make sure the bed lifting system is in its highest position and the safety belts are fastened (excluding garage bed).
- Do not operate the system improperly (e.g. with people on it).
- The bed lifting system shall only be used by adults and responsible staff.
- It is forbidden to use the bed lifting system while the vehicle is running.
- Do not move the bed lifting system if people or animals or items are around, under or on it.
- The bed lifting system must never be used while the vehicle is running.
- It is forbidden to start the bed lift system manually with disconnected wires from motor unit to control unit.
- Should the mechanism not work, do not use the bed and ask for assistance at the next service center.

NOTE: Always install the bed lifting system taking into account the system maximum load. The bed unit, as a whole - Including bed lifting system, mattress, pillow, blankets, etc. - must not weigh more than 132 lbs.

NOTE: The bed lifting system can bear a total maximum weight of 800 lbs.

⚠WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

⚠WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

⚠CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

⚠CAUTION

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

Resources Required

- Cordless or Electric Drill or Screw Gun
- Pneumatic Rivet Gun With Extended Tip
- Pneumatic Staple Gun
- Appropriate Drive Bits
- Appropriate Drill Bits
- Hex Key (4mm)
- Socket Wrench (8 mm)
- Super Lube® Grease
- High Strength Red Loctite
- Tape
- Pencil

Prior to Installation

Make sure that all components i.e., bed frame rails, wood slats, motor mount, drive shaft and center support, are all cut to the proper dimensions prior to installation.

Holes depicted in the components indicate where fasteners will be needed including self tapping fasteners.

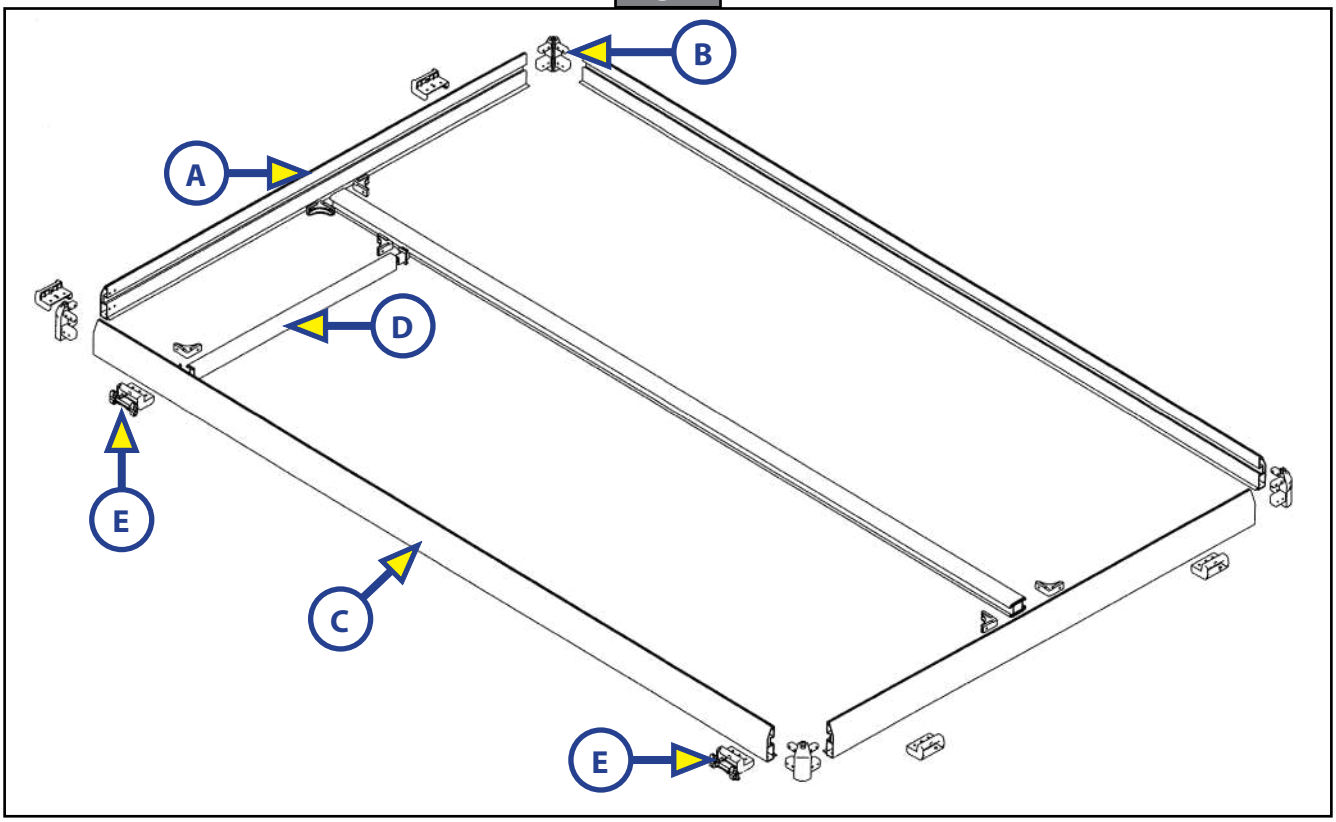
Installation

Bed Frame Assembly

NOTE: The dimensions of each Bed Lift will differ in size but the bed frame assembly instructions will be the same for every Bed Lift.

1. Locate two side rails (Fig. 1C), two end rails (Fig. 1A), four corner cap keys (Fig. 1B) and place in a work area.
2. Place the four rails into a rectangle with the slat insert channel facing towards the bed area with the channel extrusion facing up.
3. Place the four plastic corner cap keys at each corner.
4. Starting at one end rail, insert a corner cap key (Fig. 1B) into each end of the rail (Fig. 1A).
5. Use a rubber mallet to make sure the corner cap keys are connected tight within the end rail.

Fig. 1



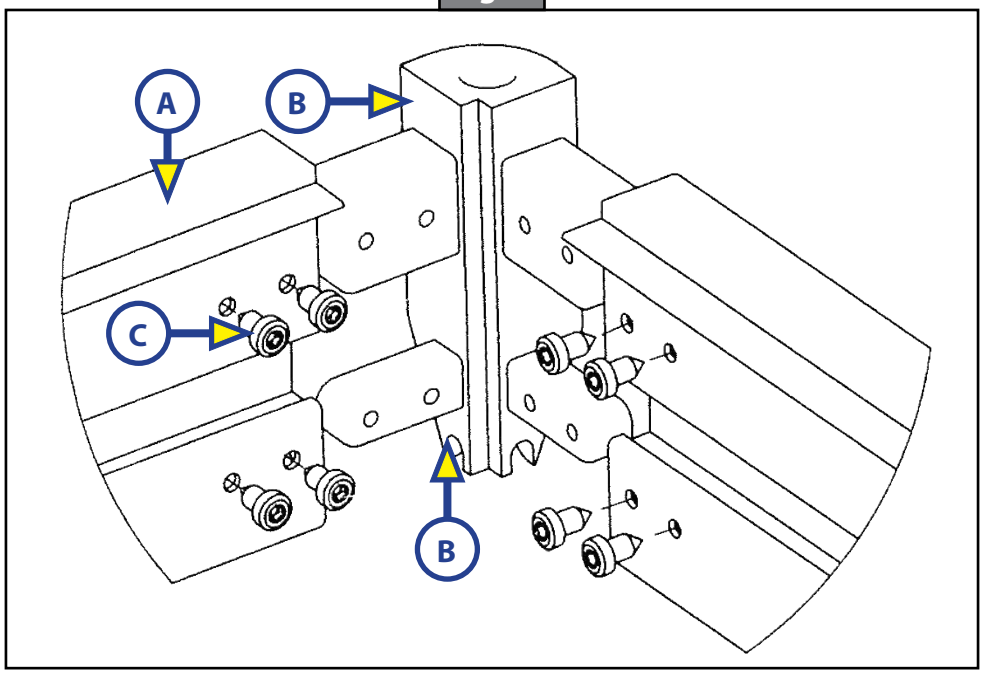
NOTE: The end rails (Fig. 2A) should stop at the notched top and bottom edge of the corner cap (Fig. 2B).

6. Repeat step 4 and step 5 for the opposite end rail.
7. Use a rubber mallet to tap the other side of the corner cap keys into the side rails.

NOTE: The end of the side rails should stop at the notched top and bottom edge of the corner cap (Fig. 2B).

8. Repeat step 7 for the opposite side rail.
9. Use a rubber mallet to make sure all the rails are tightly secured onto the corner cap keys.

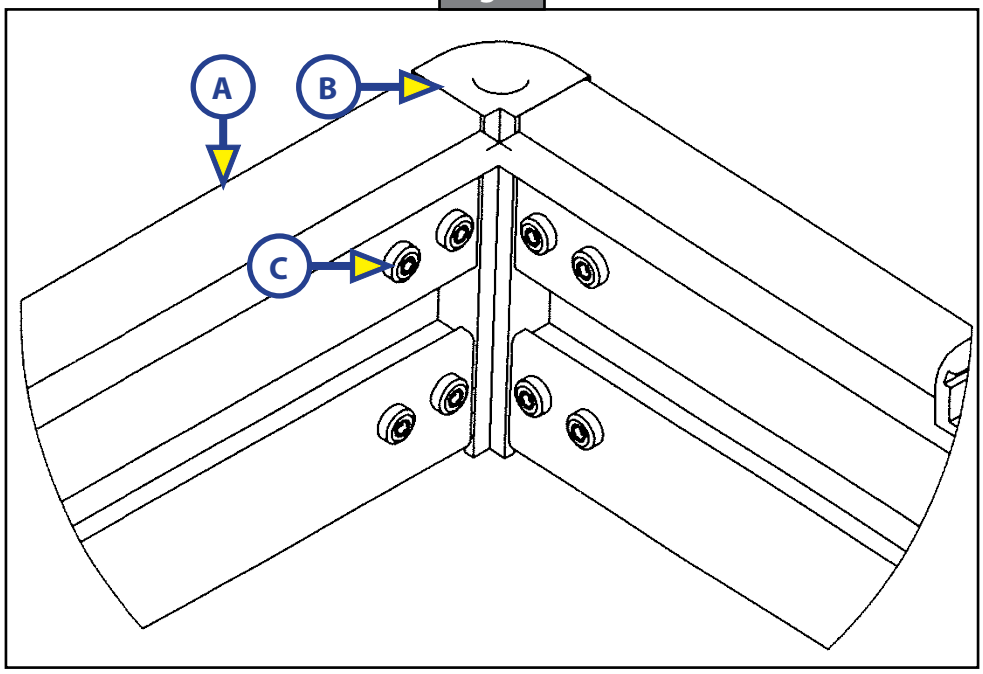
Fig. 2



NOTE: The end of the rails (Fig. 3A) should be flush to the notches of the corner key caps (Fig. 3B).

10. To hold the corner cap keys in place, install eight 3.9x9.5mm screws, four on either end of each rail (Fig. 2C, Fig. 3C).

Fig. 3



Center Rail Support

1. Measure and mark the center of both end rails (Fig. 4B).
2. Place the center rail support (Fig. 4D) at the center of the end rails with the wide flat side facing down. Make sure to insert the center rail support (Fig. 4D) into the top channel extrusion of the end rails (Fig. 4C).
3. Install two center rail support mounting brackets (Fig. 4E) one on each side of the center support rail (Fig. 4D) to the end rail's inner channel (Fig. 5A) and the inner channel of the center rail support (Fig. 5B).
4. Install two 3.9x9.5mm screws (Fig. 4F) into the pre-drilled holes of each center rail support mounting bracket.
5. Repeat step 3 for the opposite side of the center rail support (Fig. 5).

Fig. 4

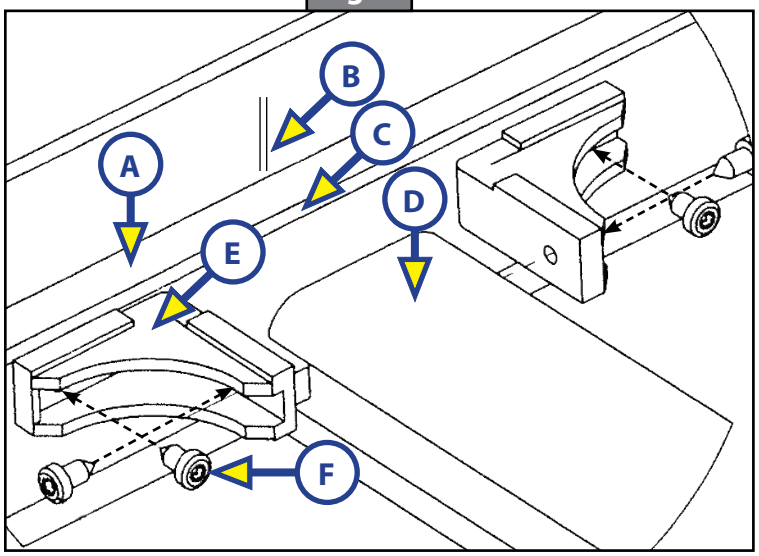
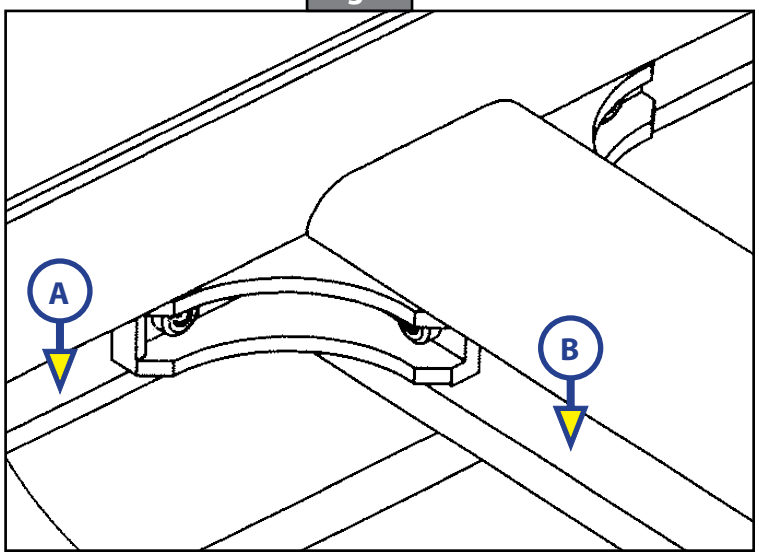


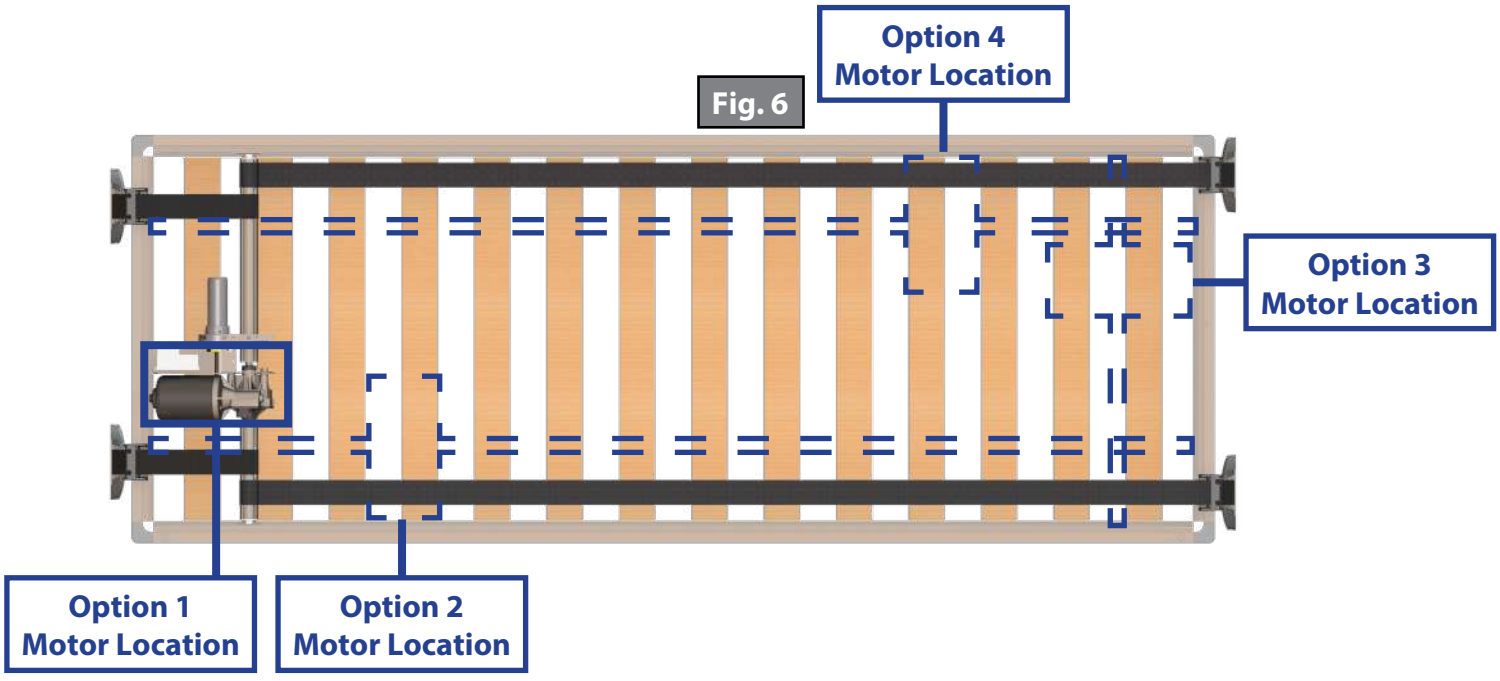
Fig. 5



Motor Mount Support

Determine where the location of the motor will be installed (Fig. 6). The motor location may vary per bed. See Figure 6 for placement suggestions. Once the motor location is determined the motor mount support can be installed. Refer to Figure 1 for approximate distance and location of the motor mount support.

Fig. 6



1. Insert a motor mount support bracket (Fig. 7A) into the inner channel of the center rail support (Fig. 7B).
2. Insert the motor mount support (Fig. 7C) end into the motor mount support bracket (Fig. 7A).
3. Install a support mounting bracket (Fig. 7D) on the side of the motor mount support (Fig. 7C) closest to the end rail. See figure 1 for reference. Install the support bracket on the inner channel of the center rail support (Fig. 7B) and to the motor mount support inner channel (Fig. 7E).
4. Install two 3.9x9.5mm screws (Fig. 7F) into the pre-drilled holes of the support mounting bracket.
5. Do steps 3 and 4 for the opposite end of the motor mount support (Fig. 8A).

NOTE: There is only one motor mount support bracket (Fig. 7A) installed on the end attached to the center support rail. The opposite end does **NOT** have a motor mount support bracket.

Fig. 7

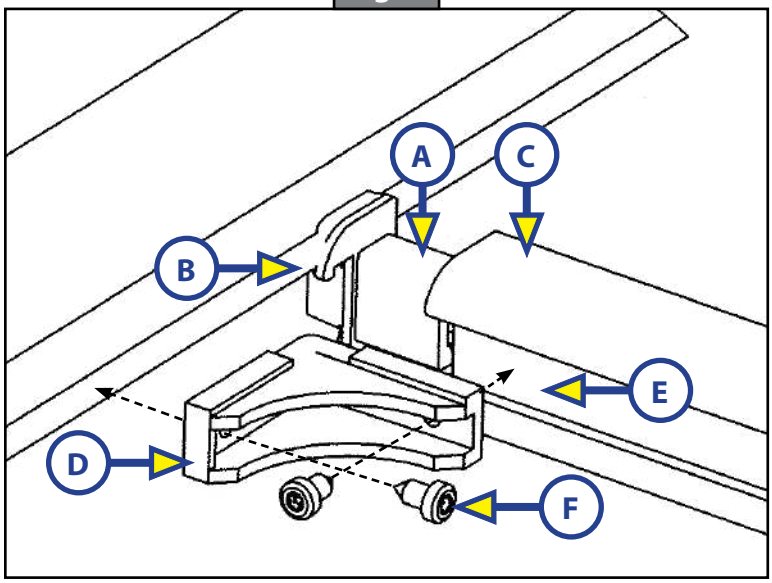
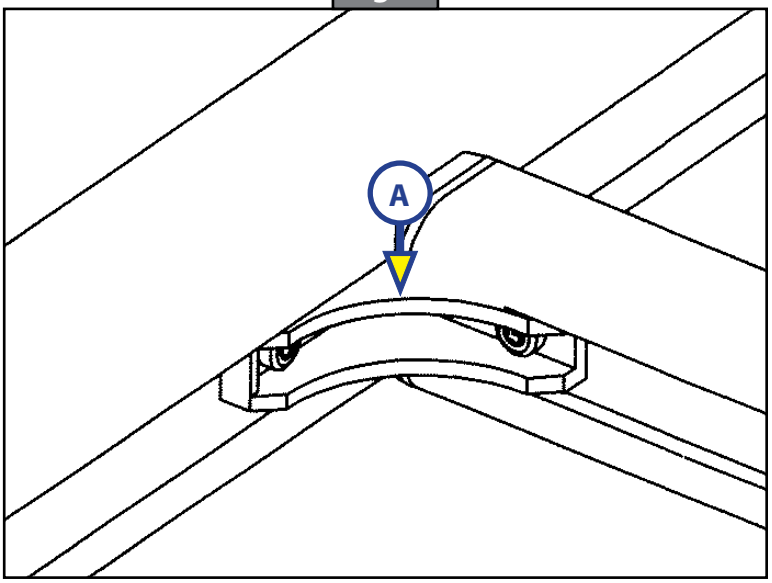


Fig. 8

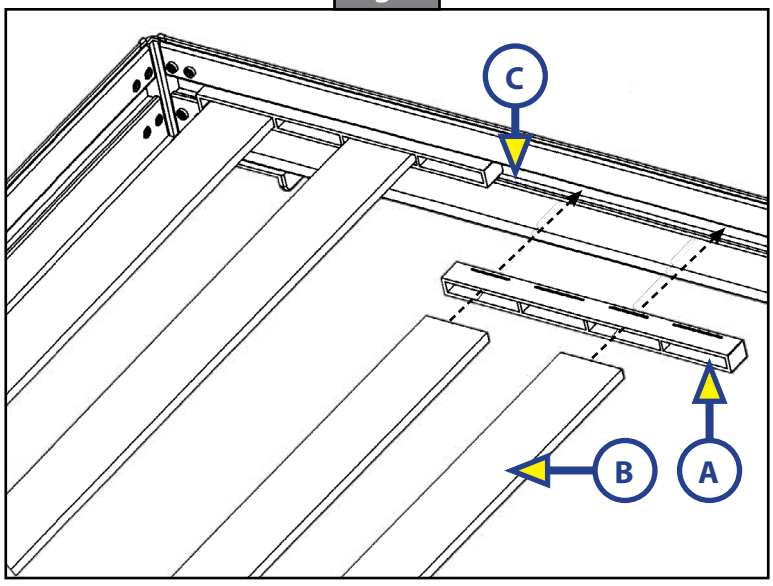


Slat Brackets and Wood Slats

1. Start with the slat brackets on one side of the center support rail at one end.
2. Locate two slat brackets (Fig. 9A). Insert two wood slats (Fig. 9B) with their curved side facing up, into the two slat brackets, one on each end of the wood slats. Insert the wood slats in the first and third slat bracket cavities so that the wood slats are in every other cavity.
3. Place the assembled slat brackets into the side rail insert channels (Fig. 9C).

NOTE: Slat bracket assemblies should rest on the insert channels of the side rails and the center rail support. See Figure 1 for reference.

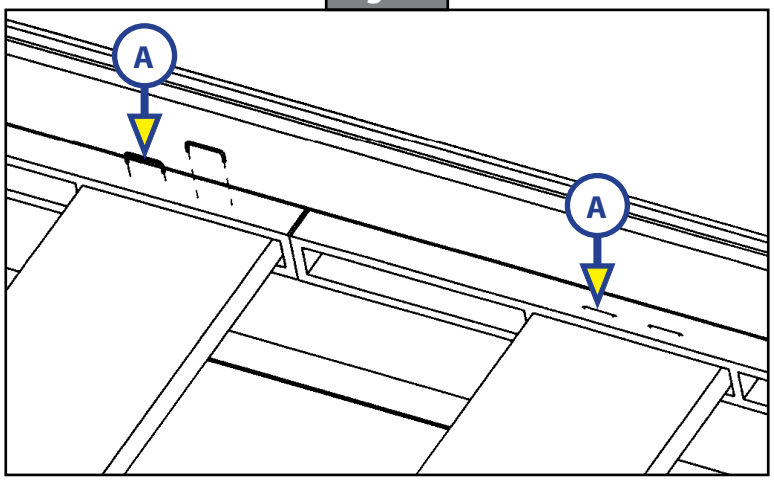
Fig. 9



4. Repeat steps 2 and 3 until all slat bracket assemblies have been installed.
5. Repeat steps 2 and 3 for the other side of the center support rail. Make sure the wood slats on either side of the center support rail are aligned.
6. Using a pneumatic staple gun, attach the slat bracket holders to the wood slats, along the side rail channel on both sides, two staples (Fig. 10A) per wood slat.

NOTE: Inspect the bed frame and make sure there are no dents to the frame. Buff out any minor scratches.

Fig. 10



Belt and Stabilizer Guide Track Brackets

Flip the assembled bed frame bottom facing up throughout the rest of the assembly.

Belt Brackets

NOTE: The proper belt bracket locations will depend on the type of bed lift configuration and where the motor is installed. Figures 11-12, side 1 is the motor side. Figures 13 -14, side 3 is the motor side.

1. Measure from the corner edge out on the end rail with the supplied measurements for each bed lift model. This measurement will be from the corner to the outside edge of the belt bracket.

Fig. 11

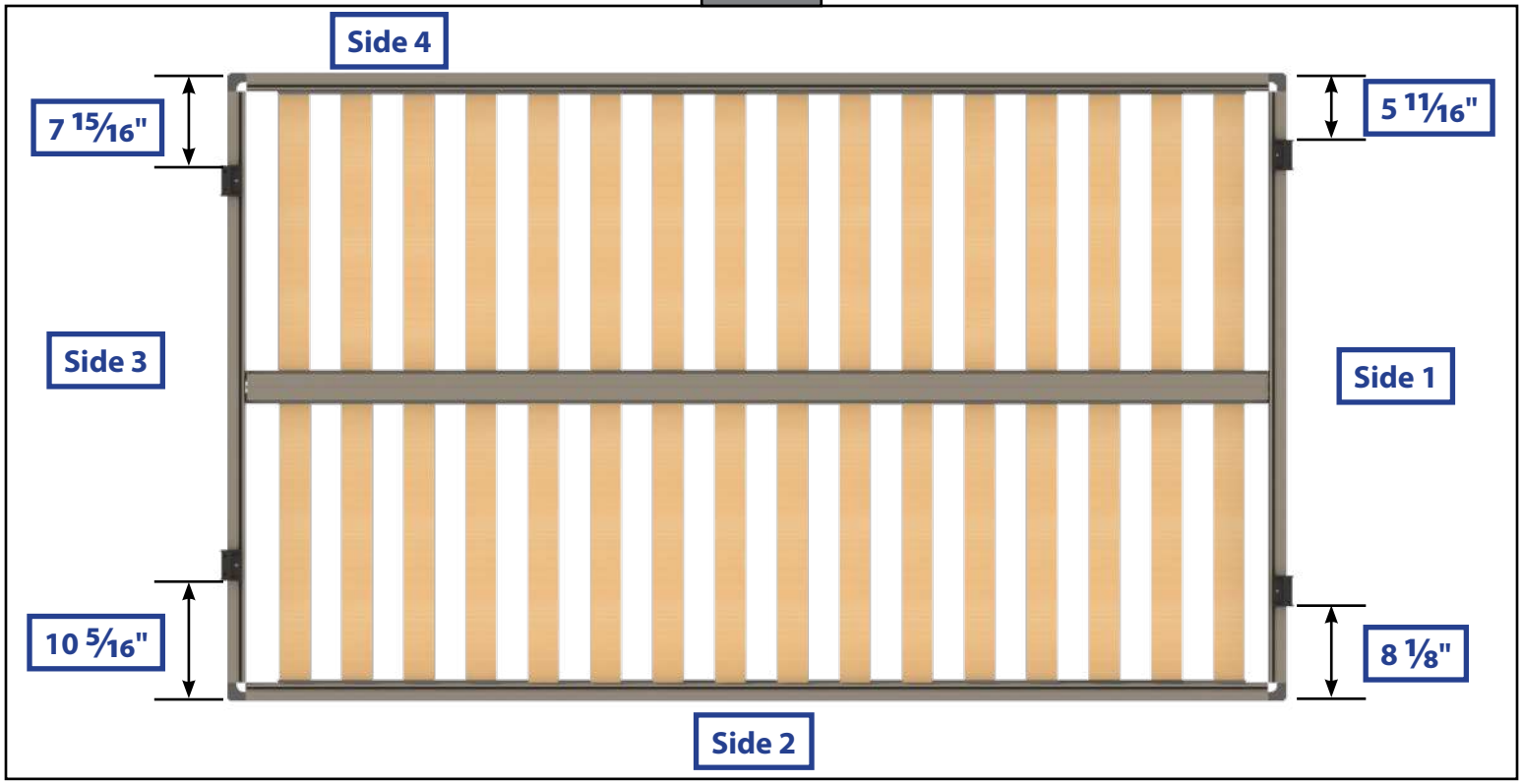


Fig. 12

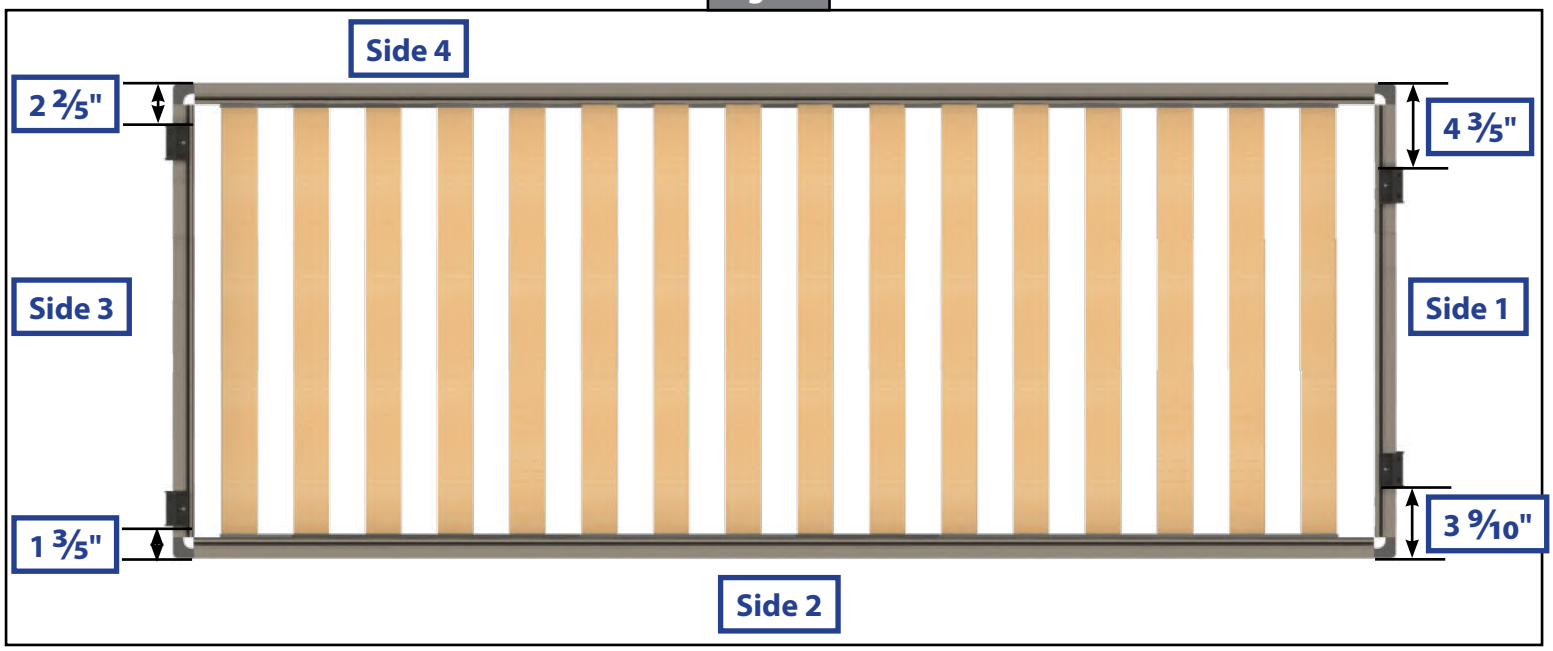


Fig. 13

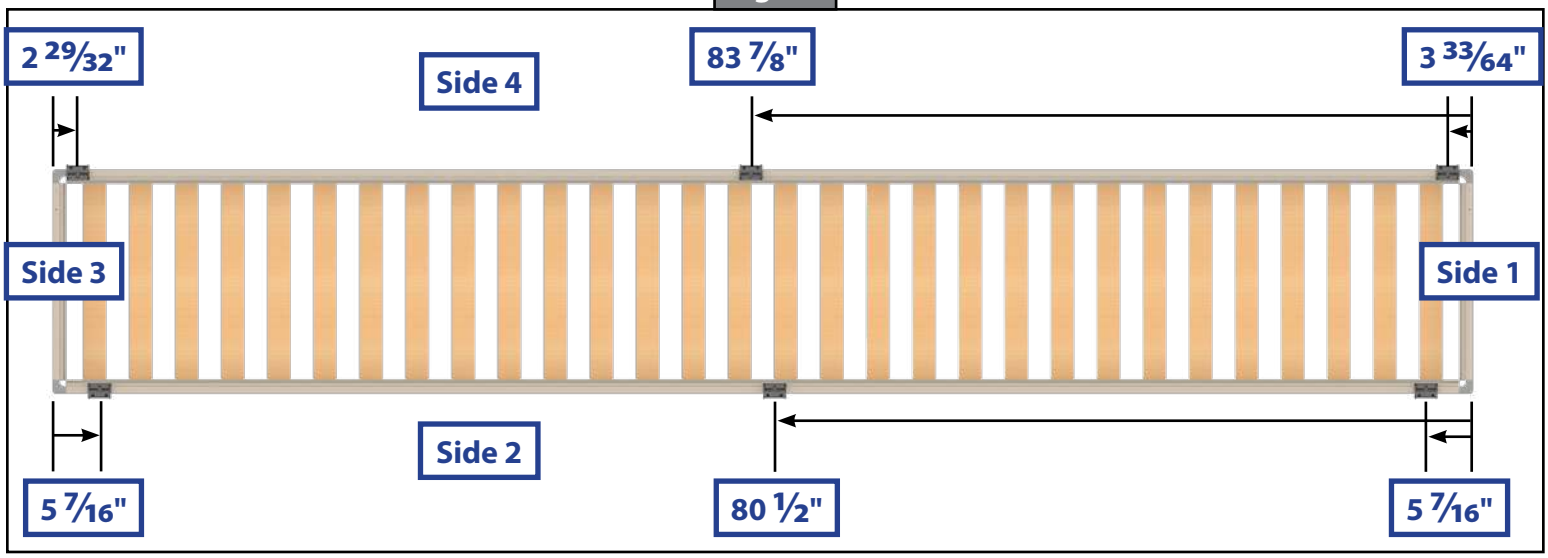
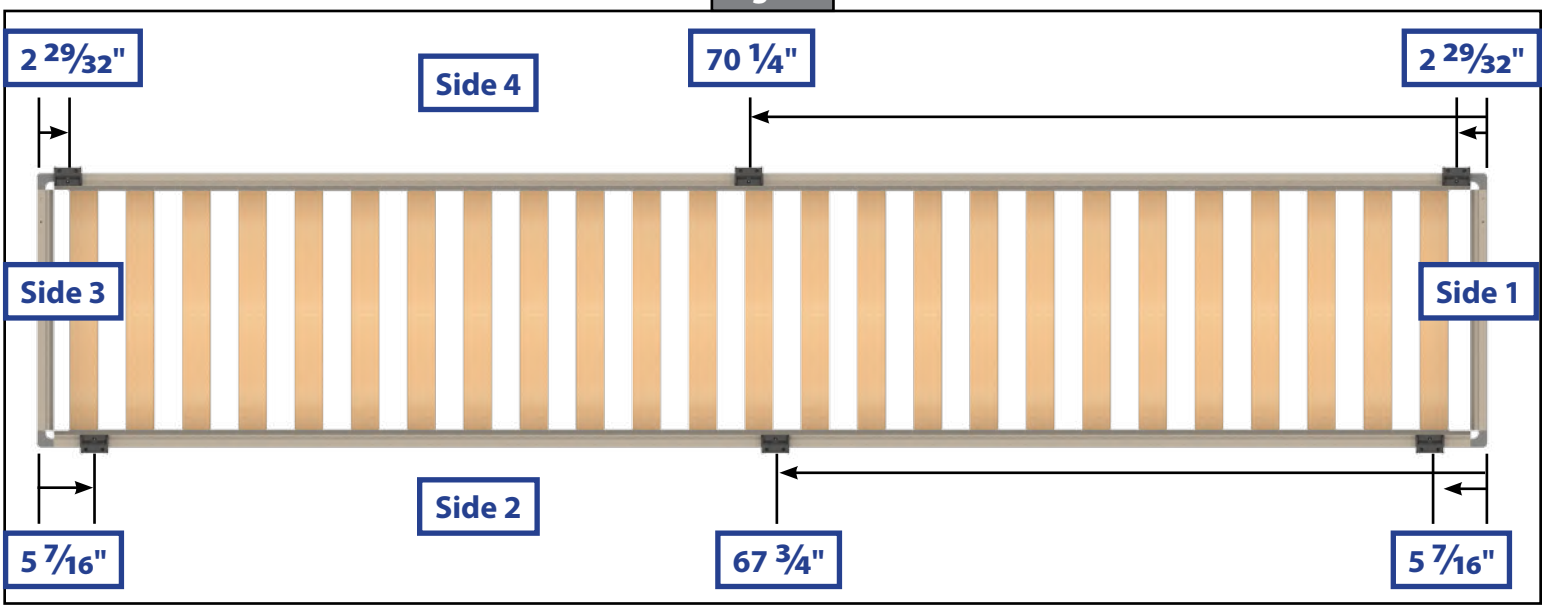


Fig. 14



2. Mark each location on the end rail bed frame with a pencil.
3. Align the belt bracket (Fig. 15A) with the marked location on the end rail frame.
4. Use a 5/32" drill bit to pre-drill the side hole (Fig. 15A).
5. Install a 4.2x13mm screw (Fig. 16A) in the side hole of the belt bracket.

Fig. 15

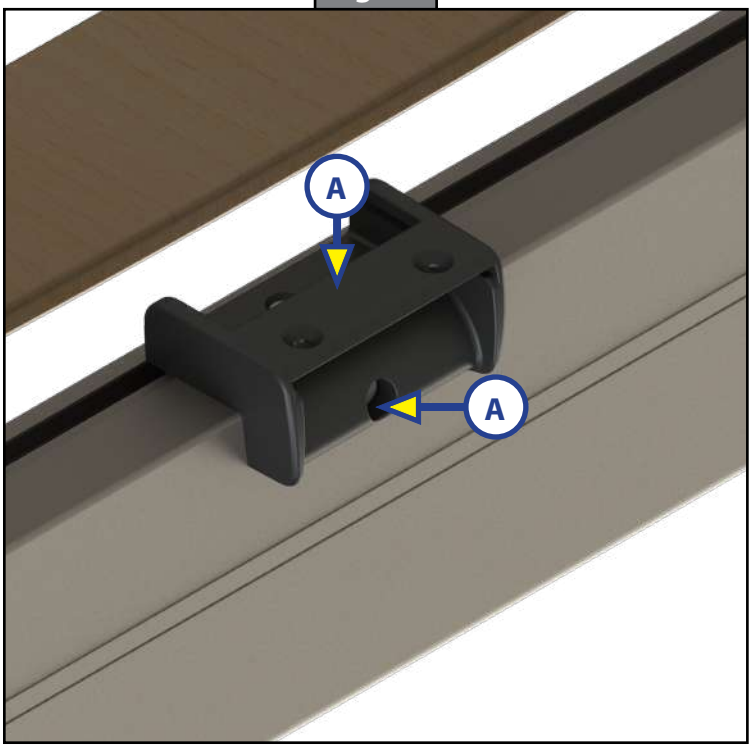
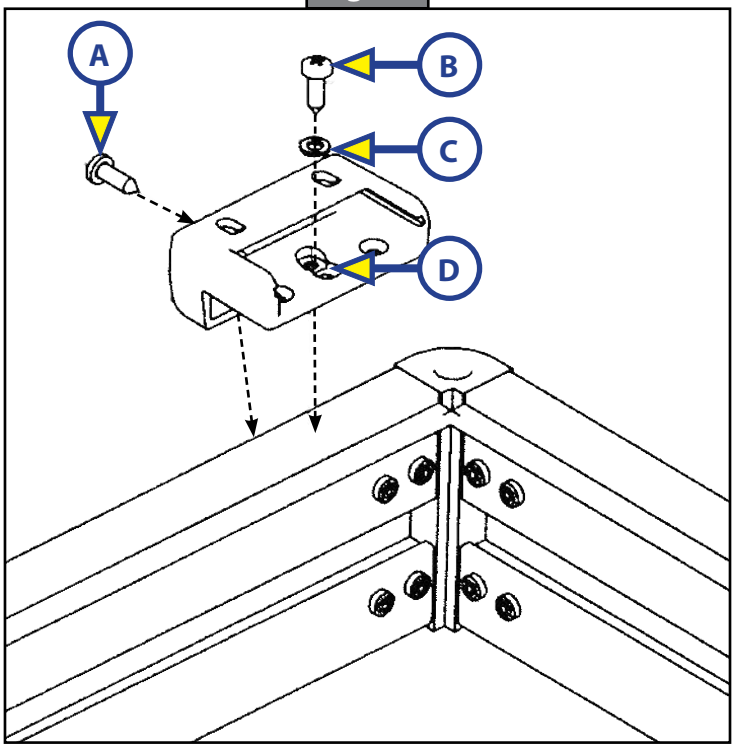
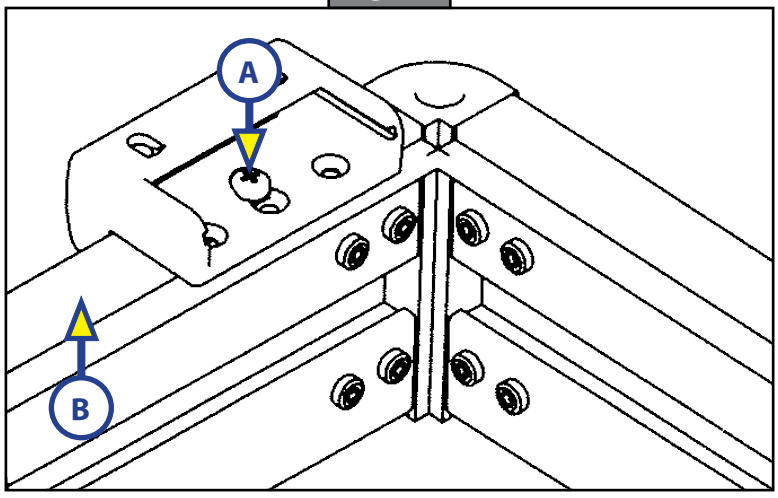


Fig. 16



6. Use a 5/32" drill bit to pre-drill the top of the end rail hole (Fig. 16D).
7. Install a 4.2x13mm screw (Fig. 16B, Fig. 17A) with a #5 washer (Fig. 16C) into the belt bracket top hole (Fig. 16D) and into the end rail (Fig. 17B).

Fig. 17



8. Repeat steps 1-7 for all belt brackets.

Stabilizer Guide Track Bracket

Determine which side rail of the bed frame (Fig. 18A) will be against the wall. The stabilizer guide track bracket (Fig. 18B) locations may vary per bed. See Figure 1E for reference.

1. Make sure the stabilizer guide track bracket (Fig. 18B) is on each end of the side rail (Fig. 18A) the same distance from the corner of the bed frame.
2. Do steps 4-7 in the Belt Bracket section for both stabilizer guide track brackets. Figure 19 depicts the completed stabilizer guide track bracket.

Fig. 18

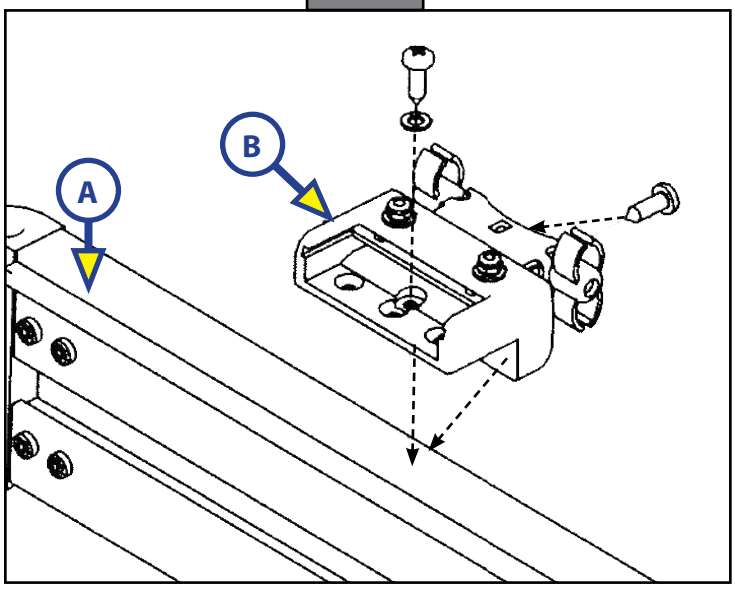
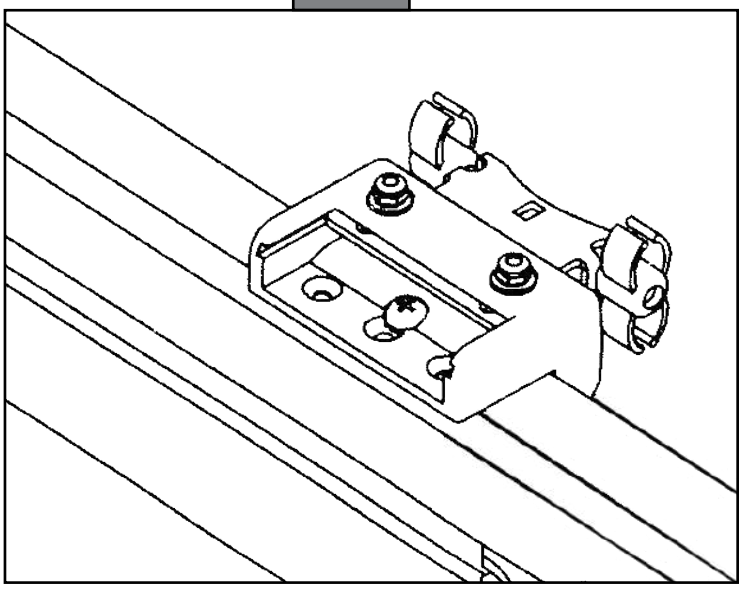
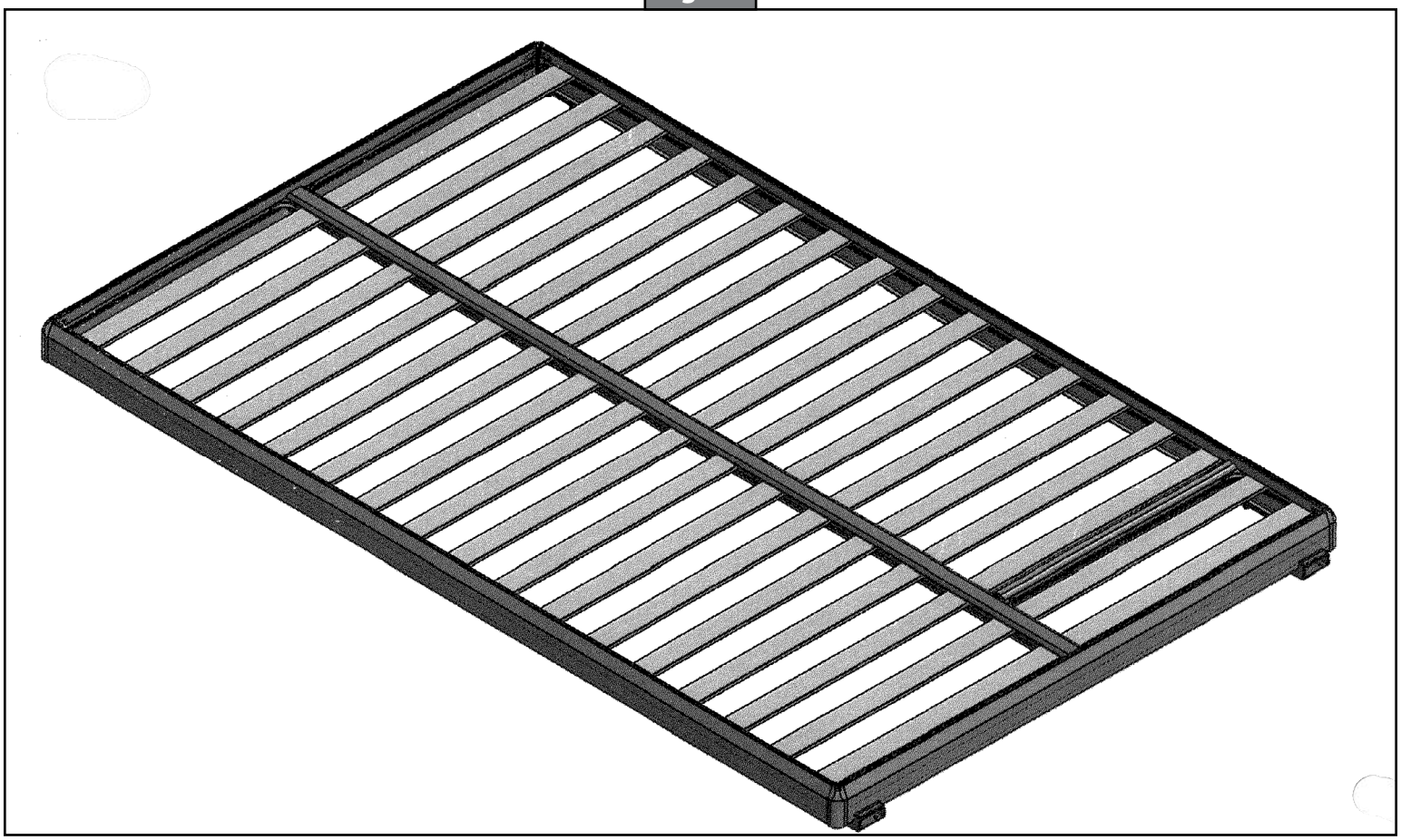


Fig. 19



NOTE: Figure 20 depicts what the bed lift should look like at this stage of installation, minus the stabilizer guide track brackets

Fig. 20

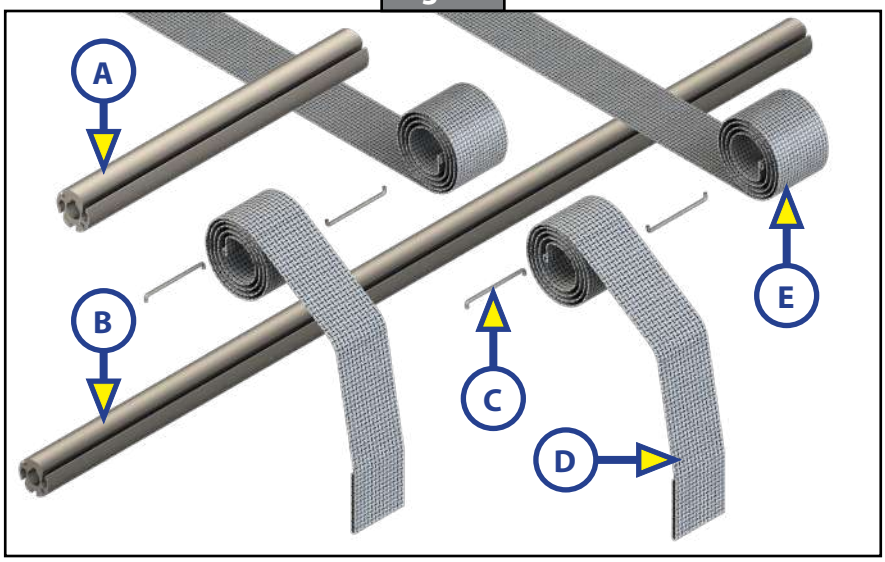


Drive Shafts and Belts

NOTE: If the drive shaft needs to be cut down to fit the bed lift dimensions, make sure to clean the center hole of the drive shaft with a drill bit.

1. Locate two long belts (Fig. 21E), two short belts (Fig. 21D) long drive shaft (Fig. 21B) short drive shaft (Fig. 21A), and four pin strap fasteners (Fig. 21C).

Fig. 21

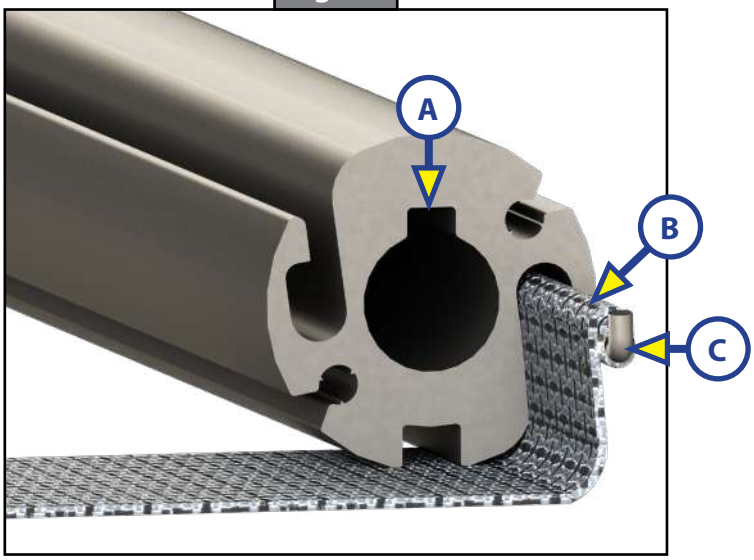


2. Beginning with the short drive shaft, position the end of the shaft so the internal keyway is positioned up (Fig. 22A).

3. Install a pin strap fastener (Fig. 22C) into the end loop of the short belt (Fig. 22B).

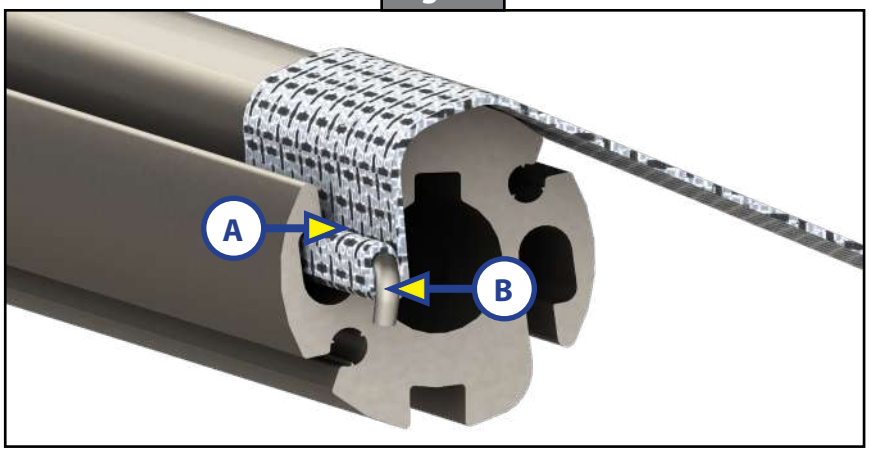
4. With the pin strap legs facing up towards the top of the drive shaft, and the seam of the belt facing out away from the drive shaft, thread the pin strap fastener with the short belt installed into the drive shaft channel located to the right of the internal keyway.

Fig. 22



5. Install a pin strap fastener (Fig. 23B) into the loop end of the long belt (Fig. 23A).
6. With the pin strap legs facing down towards the bottom of the drive shaft, and the seam of the belt facing out away from the drive shaft, thread the pin strap fastener with the long belt installed into the short drive shaft channel on the left side of the drive shaft.

Fig. 23



7. Locate the long drive shaft, position the end of the shaft so the internal keyway is positioned up (Fig. 24A).
8. Install a pin strap fastener (Fig. 24C) into the loop end of the short belt (Fig. 24B).
9. With the pin legs facing up towards the top of the drive shaft, and the seam of the belt facing out away from the drive shaft, thread the pin strap fastener with the short belt installed, into the drive shaft channel on the left side of the drive shaft (Fig. 24).
10. Install a pin strap fastener (Fig. 25A) into the loop end of the long belt (Fig. 25B).
11. With the pin legs facing down towards the bottom of the drive shaft, and the seam of the belt facing out away from the drive shaft, thread the pin strap fastener with the long belt installed, into the drive shaft channel on the right side of the drive shaft.

Fig. 24

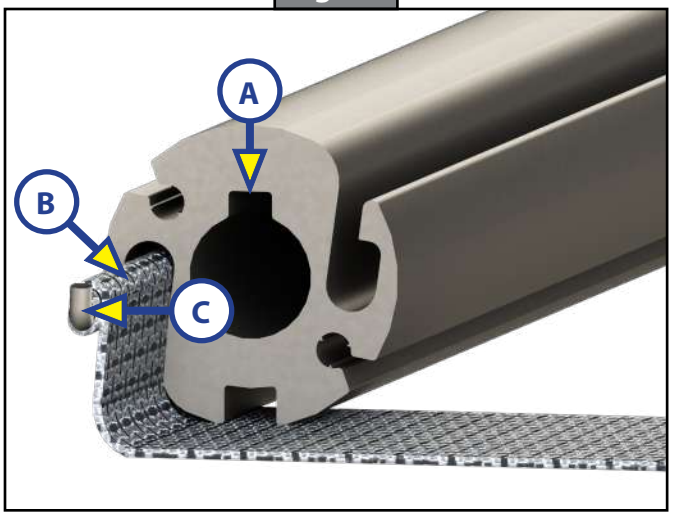
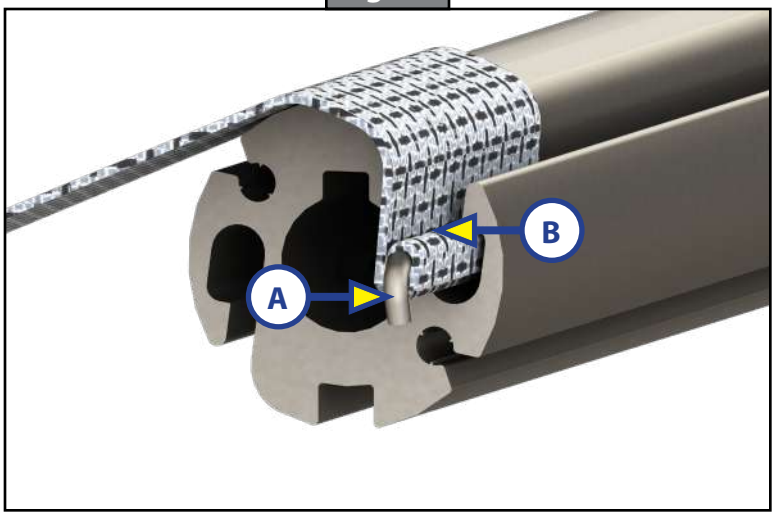


Fig. 25

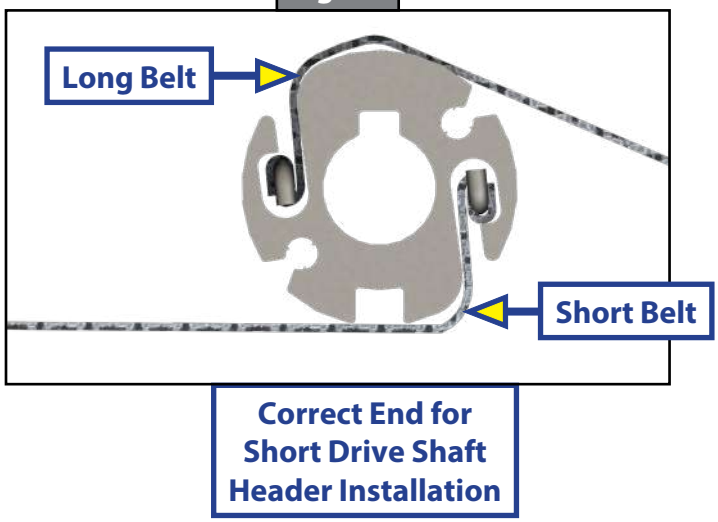


12. Roll the belts on the drive shafts and tape the ends so they do not unroll until instructed to insert the belts into the belt bracket.

Drive Shaft Header Assembly

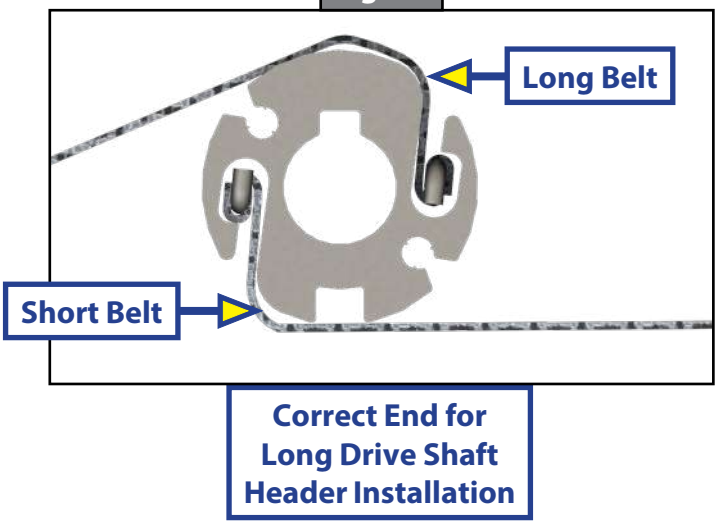
The drive shaft header assembly will be installed on one side of the short drive shaft (Fig. 26) and one side of the long drive shaft (Fig. 27). Make sure that the header is installed on the correct side of the drive shafts prior to installing on the bed frame. This step is imperative as the belts will not function correctly if the drive shaft is improperly installed.

Fig. 26



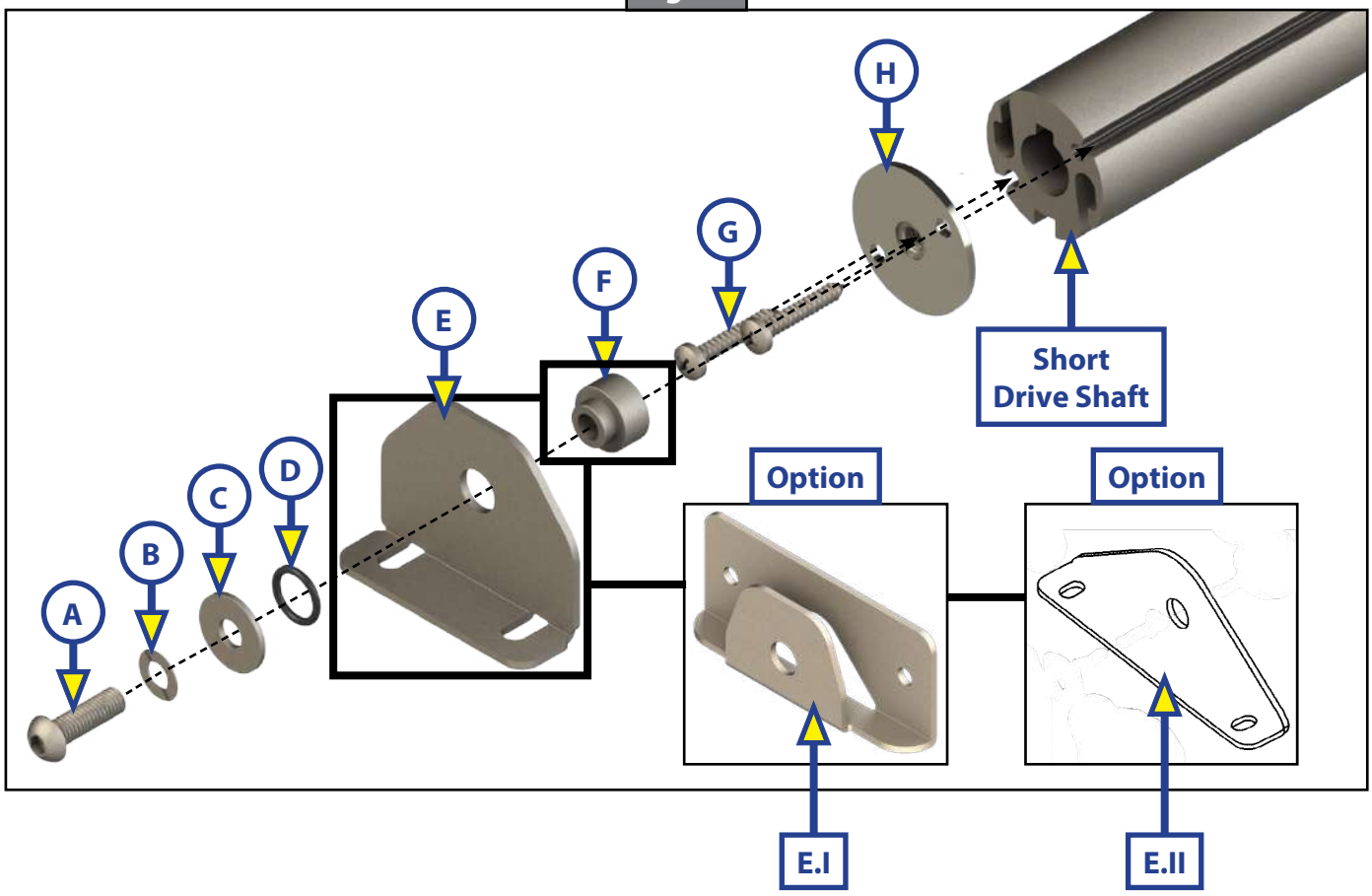
Correct End for Short Drive Shaft Header Installation

Fig. 27



Correct End for Long Drive Shaft Header Installation

Fig. 28



1. Place the drive shaft end plate (Fig. 28H) on the correct end of the drive shaft and secure with two #8 15 x 1" Phillips pan head steel sheet metal screws (Fig. 28G) with a clutched screw gun. Torque to 14 ft-lbs.
2. Coat the threaded part of the M6 screw (Fig. 28A) with high strength red Loctite® and apply Super Lube® grease to the end of the bolt.
3. Insert the M6 hex head screw (Fig. 28A) through the M6 wave washer (Fig. 28B), the zinc fender washer (Fig. 28D), the o-ring (Fig. 28D), and the centering bracket (Fig. 28E.II).
4. Coat the inside of the bushing (Fig. 28F) with Super Lube® grease, then install it onto the end of the assembled M6 hex head screw (Fig. 28A).
5. Use a hex key to tighten the M6 screw with assembly onto the drive shaft end plate (Fig. 28H).

NOTE: Make sure the o-ring (Fig. 28D) is not compressed beyond the zinc fender washer (Fig. 28C).

6. Repeat steps 1-5 for the long drive shaft end.

Drive Shaft and Motor Installation

Refer to (Fig. 29 and Fig. 30) for motor and advanced control system (ACS) parts and assembly orientation.

Fig. 29

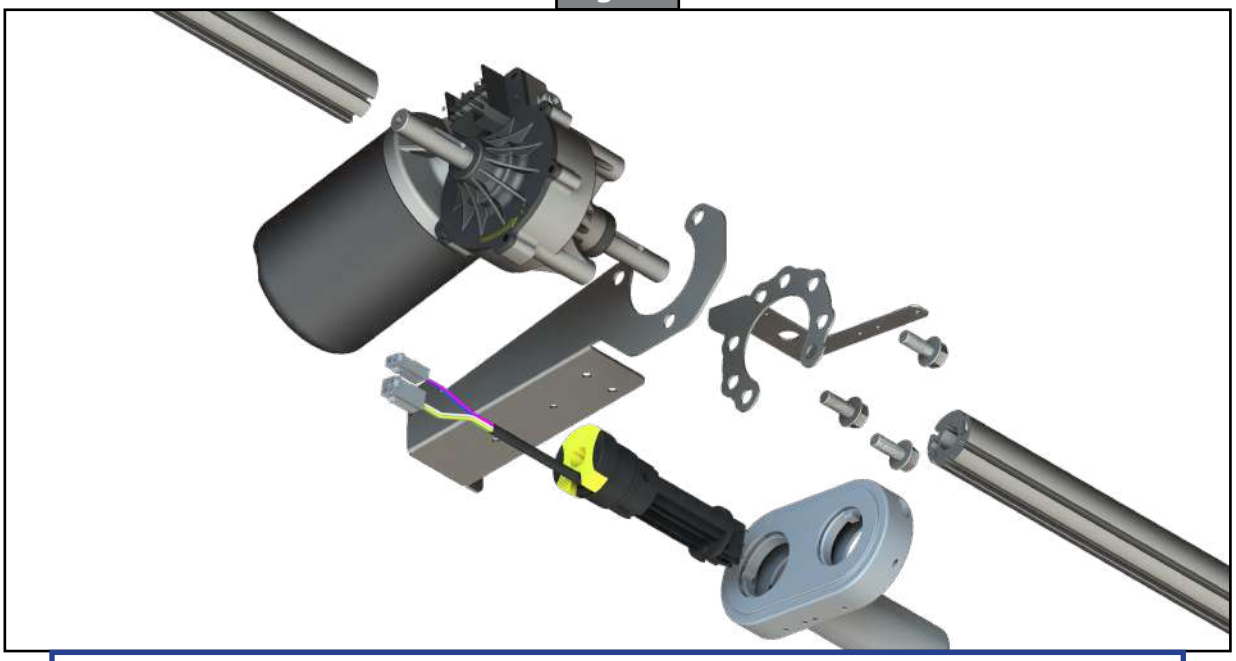
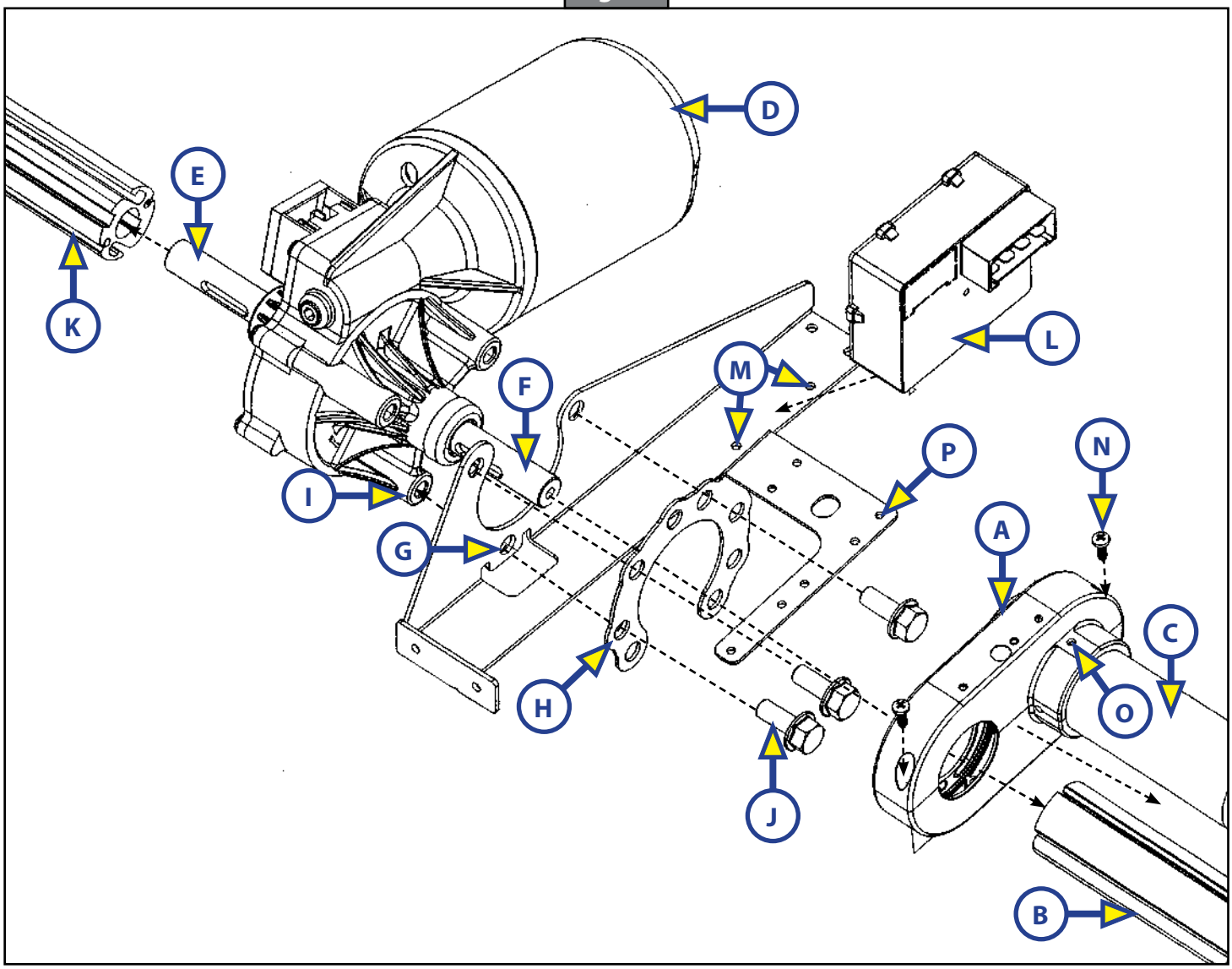


Fig. 29 Viewing from underneath, up, towards the end rail frame.

1. Slide the ACS module holder (Fig. 30A) onto the long drive shaft end (Fig. 30B). Make sure the ACS module housing (Fig. 30C) faces away from the motor (Fig. 30D).
2. Apply Super Lube® Grease to both ends of the motor shafts (Fig. 30E and Fig. 30F).

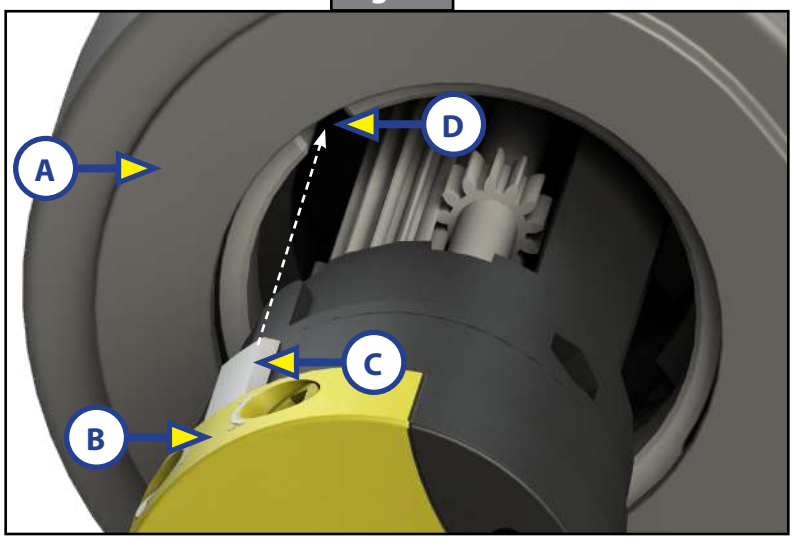
Fig. 30



3. Make sure motor shaft keys (Fig. 30E and Fig. 30F) are in place prior to long or short shaft installation.
4. Align motor key (Fig. 30F) with long drive shaft keyway, then insert the keyed motor shaft into the end of the long drive shaft (Fig.30B).
5. Align the screw holes to the motor mounting bracket (Fig. 30G) along with the angle bracket holes (Fig. 30H) and the motor holes (Fig. 30I). Install three hex. head steel serrated flange bolts (Fig. 30J) through the two brackets and into the motor.
6. Align motor key with short drive shaft keyway (Fig.30E) then insert the short drive shaft (Fig. 30K) onto the motor shaft (Fig. 30E).
7. Align the power controller (Fig. 30L) screw holes with the motor mounting bracket screw holes (Fig. 30M).
8. Make sure the power controller interface is facing towards the motor, then install two #4 x 1/4" Phillips, Type A, sheet metal screws up through the motor bracket and into the power controller (Fig. 30L).

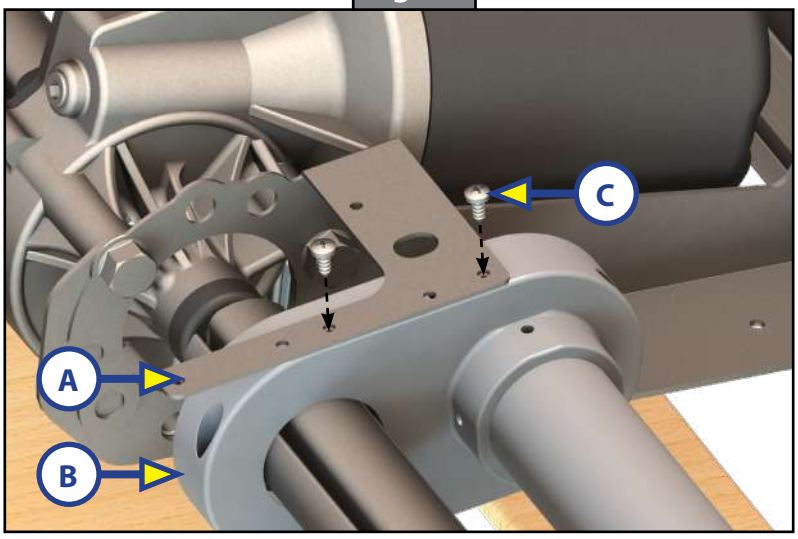
9. Insert the ACS module (Fig. 31B) into the ACS module holder (Fig. 31A). Make sure the ACS module key (Fig. 31C) is aligned with the ACS module keyway (Fig. 31D) in the ACS module holder. Push and turn the ACS module until ACS module seats into place (Fig.31D).
10. To hold the ACS module into the ACS module holder, install one #6 x 1/2, 18-8 SST, pan head screw (Fig. 30N) into the ACS module holder (Fig. 30O).

Fig. 31



11. If not already installed, install two 2.9x9.5 mm screws (Fig. 30N) one on each side of the ACS module holder (Fig. 30A) holding the two half's of the ACS module holder together.
12. Slide the ACS module holder (Fig. 32B) underneath the angle support bracket (Fig. 32A). Align the angle support bracket holes with the ACS Module holder. Attach with two screws 2.9x9.5mm (Fig. 32C) to hold the ACS module holder to the angle bracket.

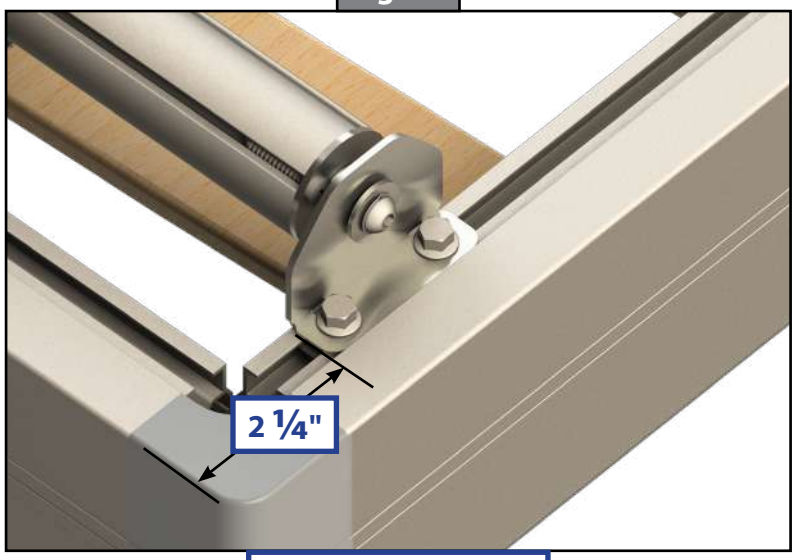
Fig. 32



Drive Shaft Centering Bracket

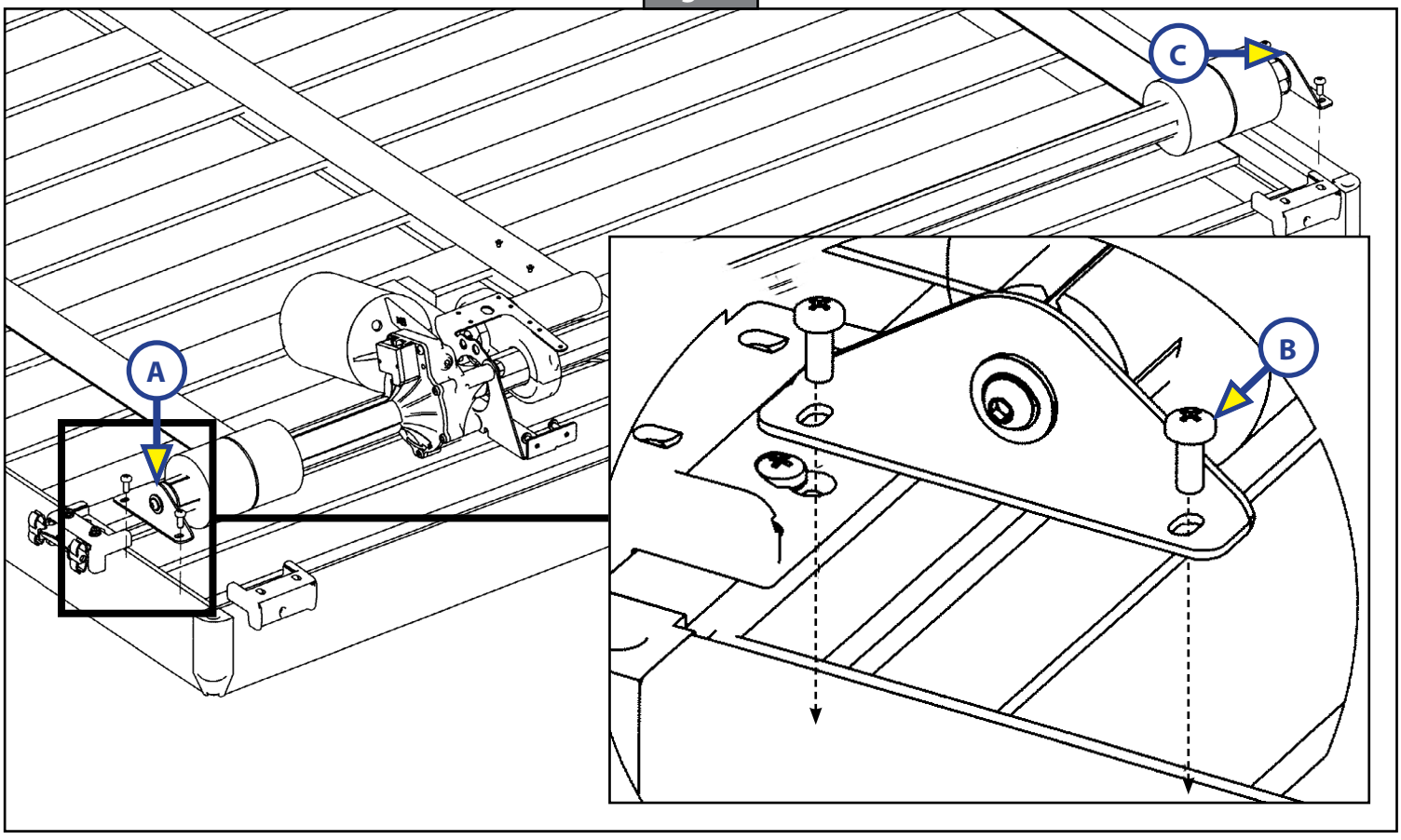
1. Measure from the outside end rail to the end of the drive shaft header center brackets. There should be 2 1/4" distance (Fig. 33) from the end of the rail to the edge of the drive shaft header center bracket. Move the long and short drive shaft header center brackets into place so that both sides are even.
2. Attach the long drive shaft header assembly centering bracket (Fig. 34C) to the side rail with two M5 - 0.8 x 10mm screws (Fig. 34B).
3. Attach the short drive shaft header assembly center bracket (Fig. 34A) to the side rail with two M5 - 0.8 x 10mm screws (Fig. 34B).

Fig. 33



For Reference Only

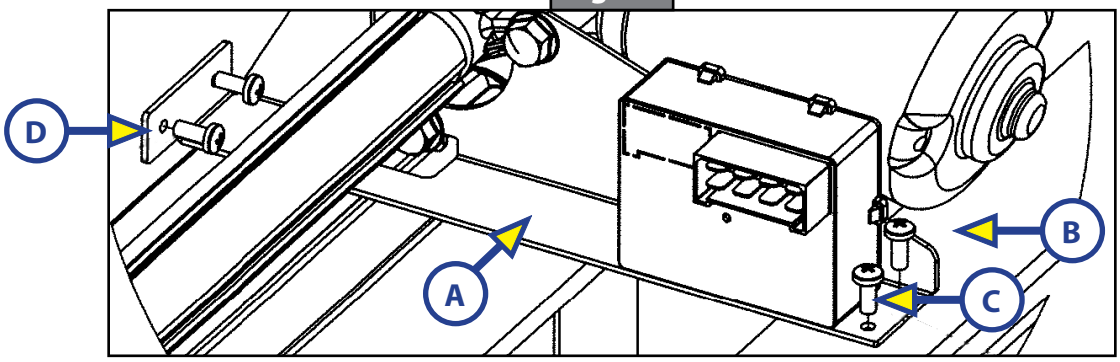
Fig. 34



Motor Mounting Bracket

Fasten the motor mounting bracket (Fig. 35A) to the motor mount support (Fig. 35B) with two 4.2x13mm screws (Fig. 35C). On the opposite end of the motor mounting bracket install two 4.2x13mm screws through the bracket and into the end rail (Fig. 35D).

Fig. 35



Belt Mounting Brackets

1. Remove the tape holding the belts in the rolled-up position on the drive shaft.
2. Feed the short belts into the closest end rail belt brackets (Fig. 36A) and feed the long belts into the opposite end rail belt brackets (Fig. 37A).

Fig. 36

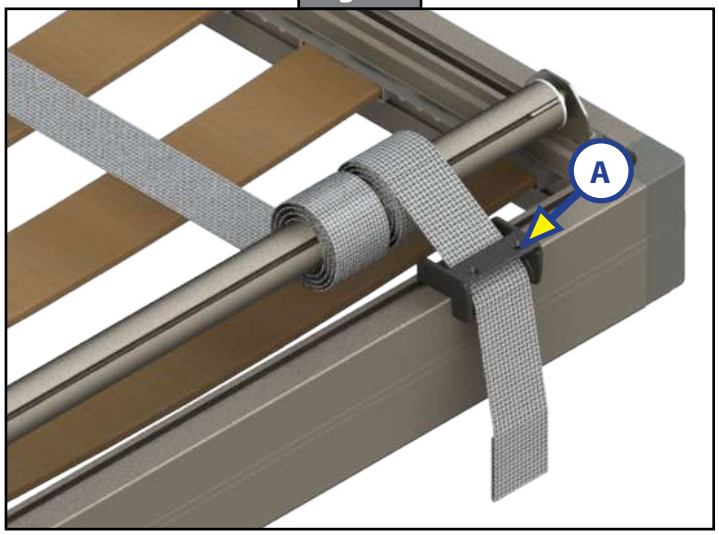
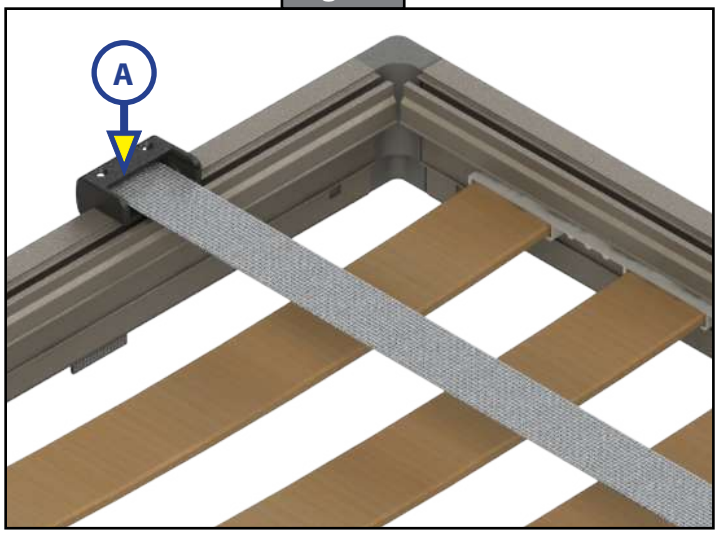


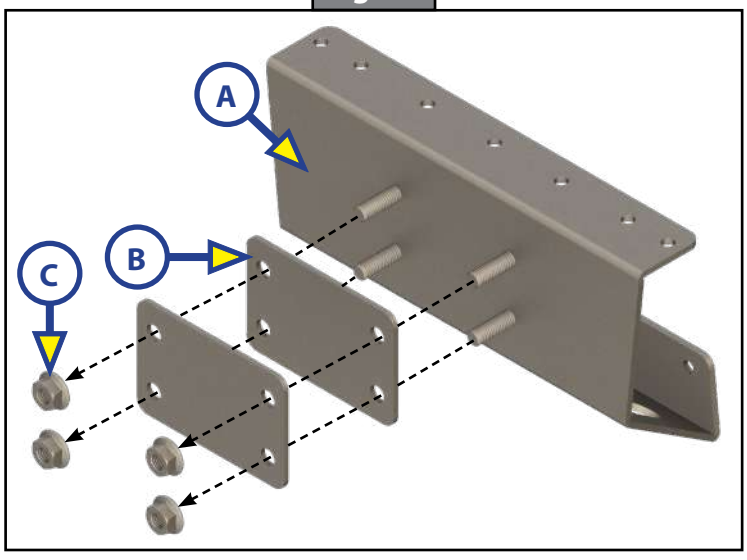
Fig. 37



3. Locate the belt mounting assembly (Fig. 38). Unscrew the nuts (Fig. 39C)and slide the belt plates (Fig. 39B) off the belt bracket (Fig. 39A) and set aside. Do this for all four belt brackets.

Fig. 38

Fig. 39



NOTE: A prefabricated jig may be used for a faster installation of the belt brackets.

NOTE: If installing on a unit with aluminum backing in the wall, use a minimum size of #10 x 1" self-drilling screws. If installing on a unit with wood backing in the wall, use a minimum size of #10 x 1" wood screws.

4. Starting on the passenger side at the desired height, install a belt mounting bracket (Fig. 40A). The left edge of the belt mounting bracket should be approximately 10 1/4" away from the top roll bar of the unit.
5. Install seven #10 x 1" screws at the top and seven #10 x 1" screws at the bottom of the belt mounting bracket into wall of the unit.
6. On the passenger side, place the second belt mounting bracket's left edge approximately 47 1/2" away from the top roll bar of the unit.
7. Install seven #10 x 1" screws at the top and seven #10 x 1" screws at the bottom of the belt mounting bracket into wall of the unit.
8. On the driver's side at the desired height, install the third belt mounting bracket's right edge of the bracket, approximately 12 3/4" away from the top roll bar of the unit.
9. Install seven #10 x 1" screws at the top and seven #10 x 1" screws at the bottom of the belt mounting bracket into wall of the unit.
10. Place the fourth belt bracket's right edge approximately 46 1/2" away from the top roll bar of the unit.
11. Install seven #10 x 1" screws at the top and seven #10 x 1" screws at the bottom of the belt mounting bracket into wall of the unit.
12. Place the bottom side of the bed frame down on level supporting saw horses at the approximate fully extended position. Make sure the bed frame is level.
13. Extend one belt up from the bed frame, making sure the belt is not twisted and there is no slack in the belt.
14. Wrap the belt (Fig. 40C) over the top of the first belt plate (Fig. 40B). The belt extending up from the bed frame should be in between the belt mounting bracket and the belt plate.
15. Place the belt plate and the belt onto the posts (Fig. 40A) of the belt mounting bracket.
16. Slide the second belt plate (Fig. 41A) onto the posts (Fig. 41B) of the belt mounting plate, against the belt.
17. Install the four previously removed M6 - 1.0mm hex flange nuts (Fig. 42A) onto the belt mounting bracket posts. Tighten the nuts to 10 ft-lbs.
18. Place the decorative caps over the belt mounting brackets.
19. Repeat steps 13-18 for the other three belts.

Fig. 40

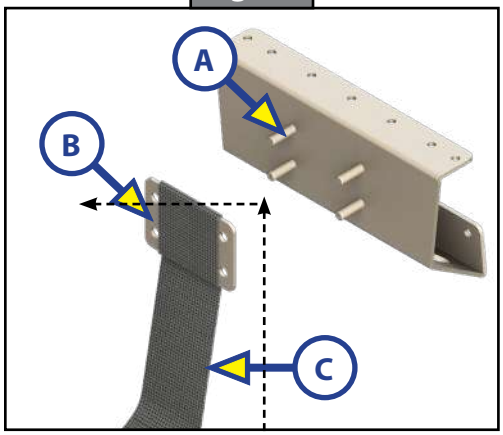


Fig. 41

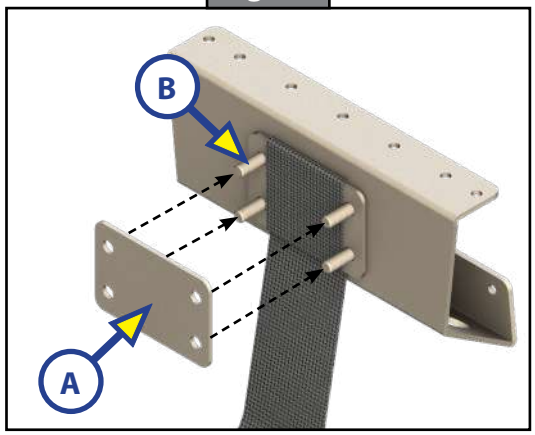
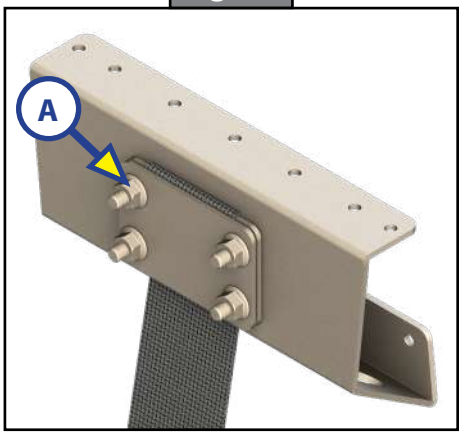


Fig. 42



Stabilizer Channel Guides

Stabilizer Channel Guides have different properties depending on the shape, but generally they should be mounted furthest away from each other, and on the side of the bed facing the front of the vehicle. This is because it's the safest position, since the mass of the bed during braking or crash is at least partially supported by the internal structure and furniture of the vehicle.

NOTE: Prior to installing the stabilizer channel guides, the excess length of the stabilizer channel guides can be removed with a metal cutting tool.

NOTE: Quantity of screws for each stabilizer channel guide depends on the material of the wall and backing of the unit. If installing on a unit with aluminum backing in the wall, use a minimum size of #10 x 1" self-tapping screws. If installing on a unit with wood backing in the wall, use a minimum size of #10 x 1" self-drilling screws.

1. Make sure the bed frame is in the fully extended position.
2. Take the bottom end of the stabilizer channel guide (Fig. 43A) and slide it over the stabilizer guide track bracket roller ends (Fig. 44A).
3. Slide the stabilizer channel guide up to the bottom of the belt mounting bracket.
4. Install three #10 x 1" screws through the stabilizer channel guide; top, middle and bottom, inside the middle of the stabilizer channel guide (Fig. 43B) and into the wall of the unit.
5. Install the decorative top and bottom caps (Figs. 45A, 46A) into the top and bottom of the stabilizer channel guide.
6. Repeat steps 2-5 for the opposite side.

Fig. 43

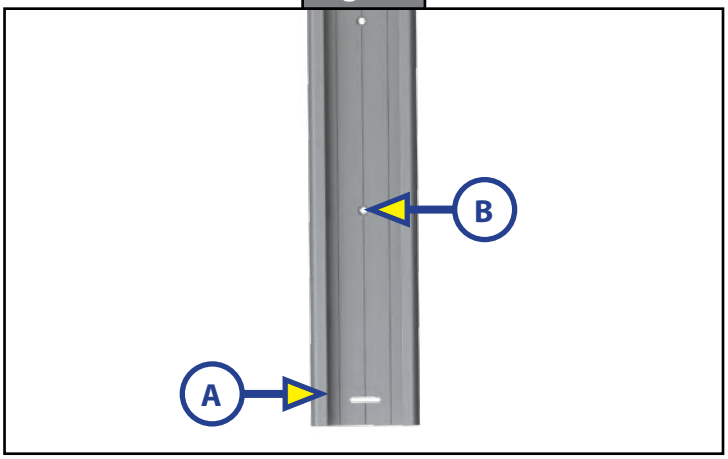


Fig. 44

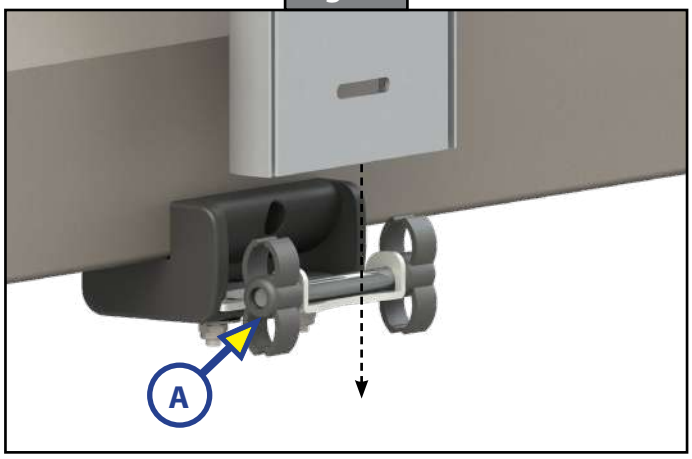


Fig. 45

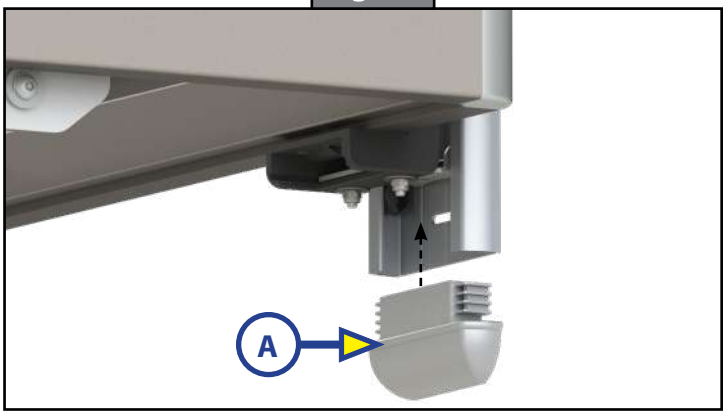
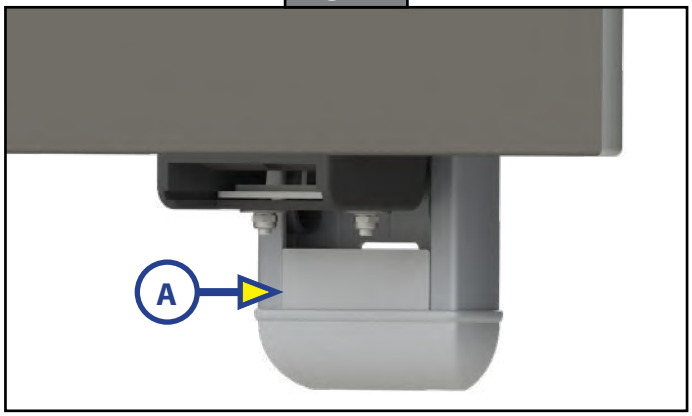


Fig. 46



Euroloft Switch

NOTE: If installing on a unit with aluminum backing in the wall, use a minimum size of #10 x 1" self-drilling screws. If installing on a unit with wood backing in the wall, use a minimum size of #10 x 1" wood screws.

The Euroloft switch can be installed in the wall of the unit next to the bed frame or if installing padded rails to the bed frame, in the padded rails.

1. Cut into the wall or the side panel of the bed an area 3" X 2" X 1" for the switch plate to be installed.
2. Install two #10 x 1/2" screws one screw on each side of the switch plate (Fig. 47A).

Fig. 47

Wiring Harness Connections

Wire Harness to Components

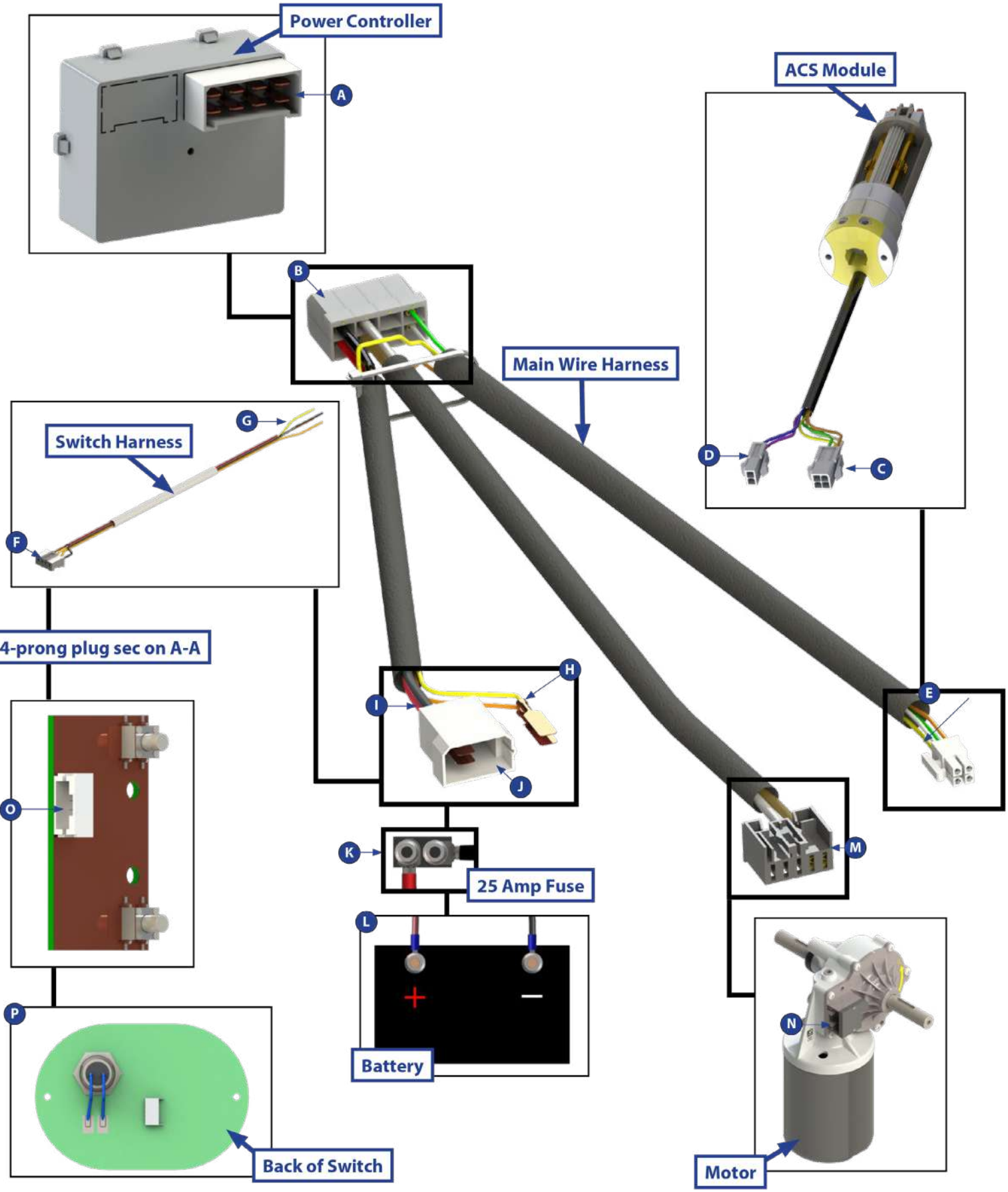
1. Install the main wire harness power controller's connector (Fig. 48B) to the power controller's male connector (Fig. 48A).
2. Install the main wire harness ACS (Advanced Control System) connector (Fig. 48E) to the ACS module connector (Fig. 48C). The connecting wire colors are white, yellow, orange and green.

NOTE: The ACS module blue and purple wires (Fig. 48D) are only used to set the ACS module when assembling the components. Disregard these wires for OEM installation.

3. Remove the connector plug (Fig. 48J) from the main wire harness power and directional wires. This plug is only used when testing the system.
4. Splice the yellow and orange wires (Fig. 48H) to the corresponding yellow and orange wires of the switch harness non-connector end (Fig. 48G).
5. Splice the red and black wires (Fig. 48I) to the corresponding red and black wires of the switch harness non-connector end (Fig. 48G). The 20A circuit protection should be wired between the switch and the main power source or battery (Fig. 48L).
6. Install the switch harness connector end (Fig. 48F) to the back of the switch (Fig. 48K).
7. Install the main wire harness motor connector (Fig. 48M) to the motor's female connector (Fig. 48N).

Wiring Diagram

Fig. 48



Setting the ACS Stop Procedure

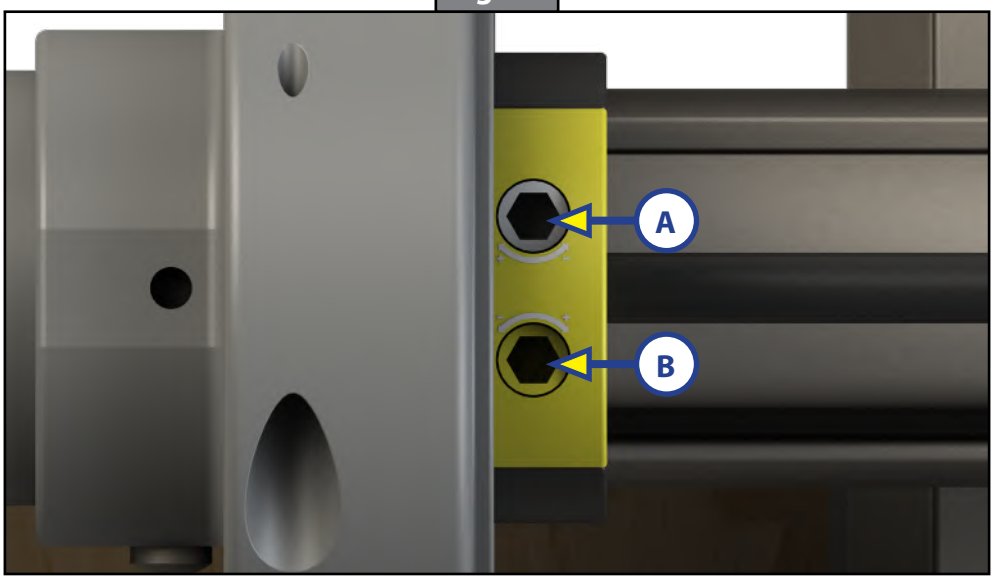
Setting the UP Position

1. Make sure the safety belts are unfastened.
2. Turn the key switch to the ON position (Fig. 50D) located on the key pad.
3. Press and hold the UP arrow-shaped button (Fig. 50A) on the key pad. A green LED light (Fig. 50C) on the key pad will turn on in the direction the bed is moving. The bed will keep moving until you reach the pre-set stop position.
4. If the bed lift stops too low, turn the white screw (Fig. 49A) in the ACS module counterclockwise. This will allow the bed lift to move higher. If the bed lift stops too high, turn the white screw (Fig. 49A) clockwise until the bed lift stops lower.

NOTE: One full rotation of the screw is approximately one inch of movement up or down.

5. Press the UP arrow (Fig. 50A) and DOWN arrow (Fig. 50B) to run the bed lift system after each adjustment of the screw. If necessary, repeat this procedure until desired stop location is obtained.

Fig. 49



Setting the DOWN Position

1. Make sure the safety belts are unfastened.
2. Turn the key switch to the ON position (Fig. 50D) located on the key pad.
3. Press and hold the DOWN arrow-shaped button (Fig. 50B) on the key pad. A green LED light (Fig. 50C) on the key pad will turn on in the direction the bed is moving. The bed will keep moving until you reach the pre-set stop position.
4. If the bed lift stops too high, turn the yellow screw (Fig. 49B) counterclockwise. This will allow the bed lift to move lower. If the bed lift stops too low, turn the yellow screw (Fig. 49B) clockwise until the bed lift stops higher.

NOTE: One full rotation of the screw is approximately one inch of movement up or down.

5. Press the UP arrow (Fig. 50A) and DOWN arrow (Fig. 50B) to run the bed lift system after each adjustment of the screw. If necessary, repeat this procedure until desired stop location is obtained.

Operation

⚠WARNING

Always make sure that the EuroLoft Bed Lift path is clear of people, pets and objects before and during operation. Always keep away from the slide rails when the bed is being operated. Do not allow people or pets on bed while bed is in motion.

Prior to Operating the EuroLoft Bed Lift System

⚠WARNING

The bed lifting system must never be used while the vehicle is in motion.

1. Make sure the vehicle is parked, secured and stabilized before starting operations.
2. Set the parking brake, if applicable.

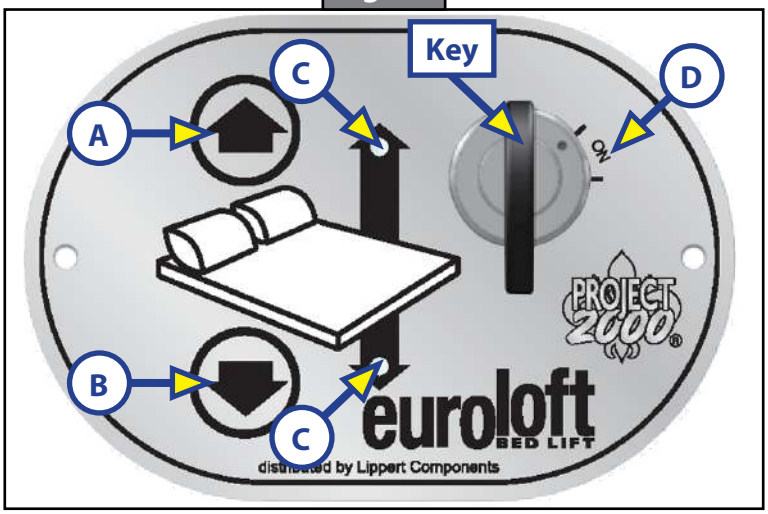
Lowering the Bed Lift

1. If installed, make sure the safety belts are unfastened.
2. Turn the key switch to the ON position (Fig. 50D) located on the key pad.
3. Press and hold the DOWN arrow-shaped button (Fig. 50B) on the key pad. A green LED light (Fig. 50C) on the key pad will turn on in the direction the bed is moving. The bed will keep moving until it reaches the pre-set stop position.

NOTE: The bed will stop moving when the button is released. Continue to press and hold the button until the stop position has been reached.

4. Release the DOWN arrow-shaped button.
5. Turn the key switch to the OFF position.

Fig. 50



Raising the Bed Lift

1. Turn the key switch to the ON position (Fig. 50D) located on the key pad.
2. Press and hold the UP arrow-shaped button (Fig. 50A) on the key pad. A green LED light (Fig. 50C) on the key pad will turn on in the direction the bed is moving. The bed lift will keep moving until it reaches the pre-set stop position.

NOTE: The bed will stop moving when the button is released. Continue to press and hold the button until the stop position has been reached.

3. Release the UP arrow-shaped button.
4. If installed, make sure the safety belts are fastened.
5. Turn the key switch to the OFF position.

Manual Override

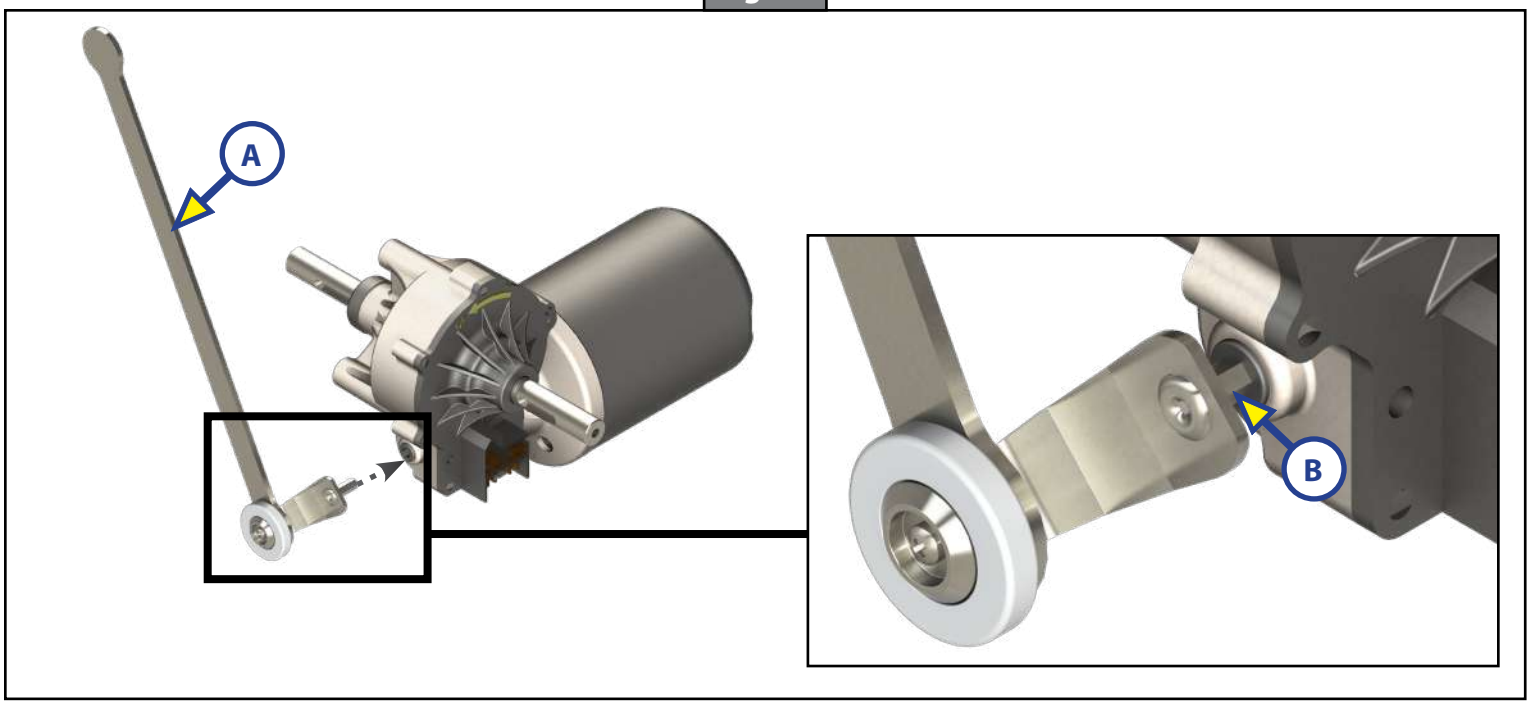
⚠WARNING

Always disconnect from power source before performing any operation on the bed lifting system.

To raise or lower the bed lift in case of emergency, it is possible to operate the system manually.

1. Insert the provided crank device (Fig. 51A) into the motor (Fig. 51B).
2. Turn clockwise to raise or counterclockwise to lower the bed.
3. Have the bed lift serviced by an OEM-authorized dealer as soon as possible. Do not operate the bed lift until service is complete, as damage to the bed lift system may result.

Fig. 51



Maintenance

The EuroLoft Bed Lift system has been designed to require very little maintenance. To ensure the long life of your EuroLoft Bed Lift system, read and follow these few simple procedures:

1. When the bed is raised, visually inspect the slide rail assemblies.
   - **A.** Check for excess buildup of dirt or other foreign material.
   - **B.** Remove any debris that may be present.
2. If the system squeaks or makes any noises, blow out any debris from the drive shaft and apply a dry lubricant to prevent and/or stop squeaking.

Notes

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