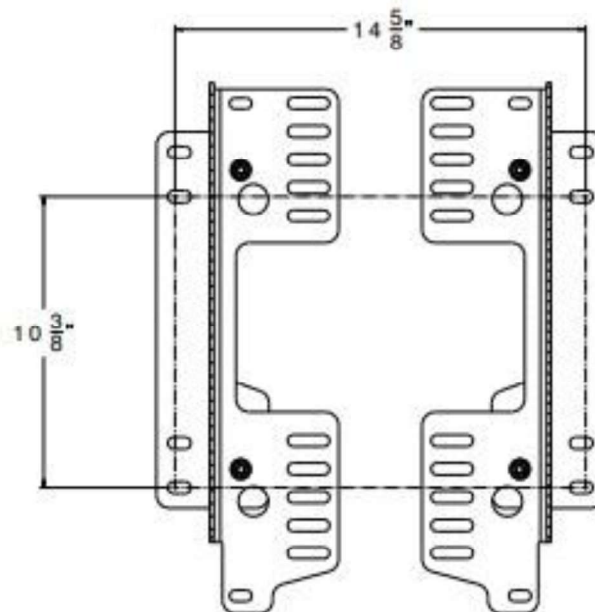
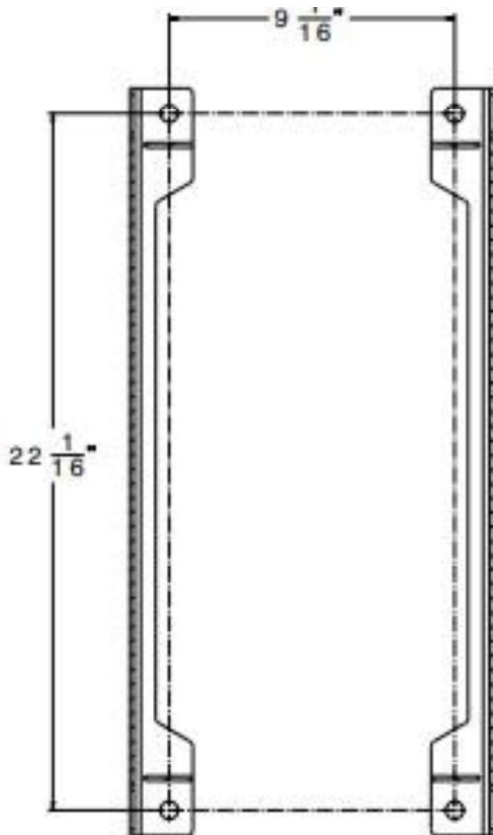
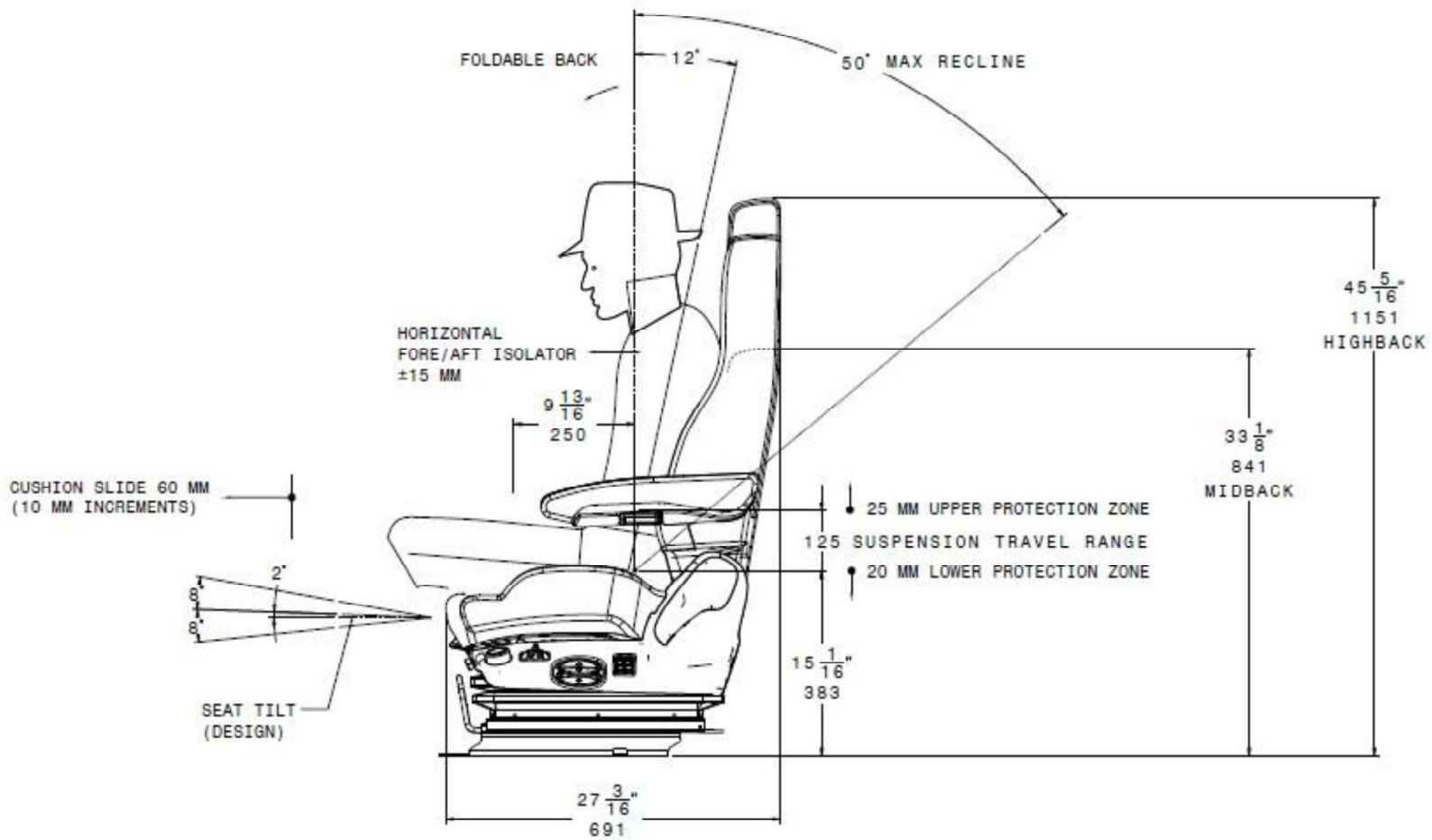


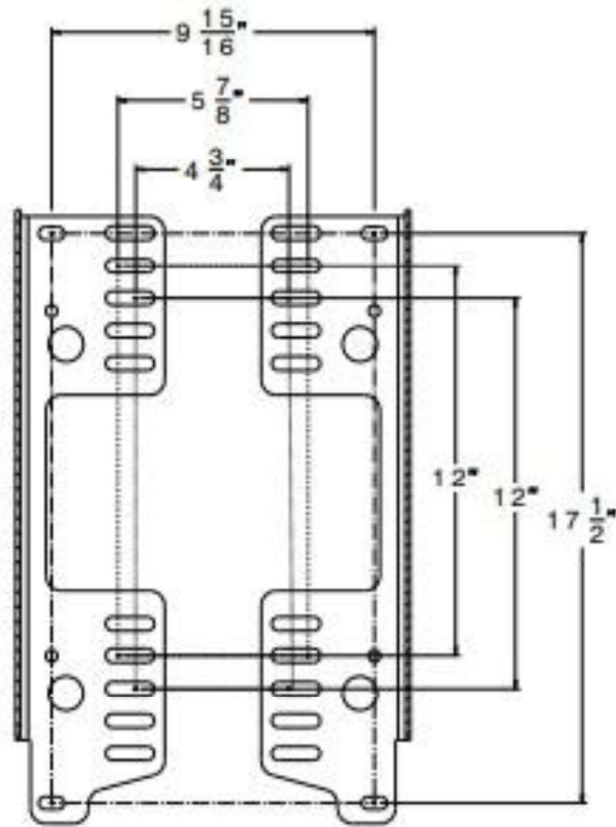
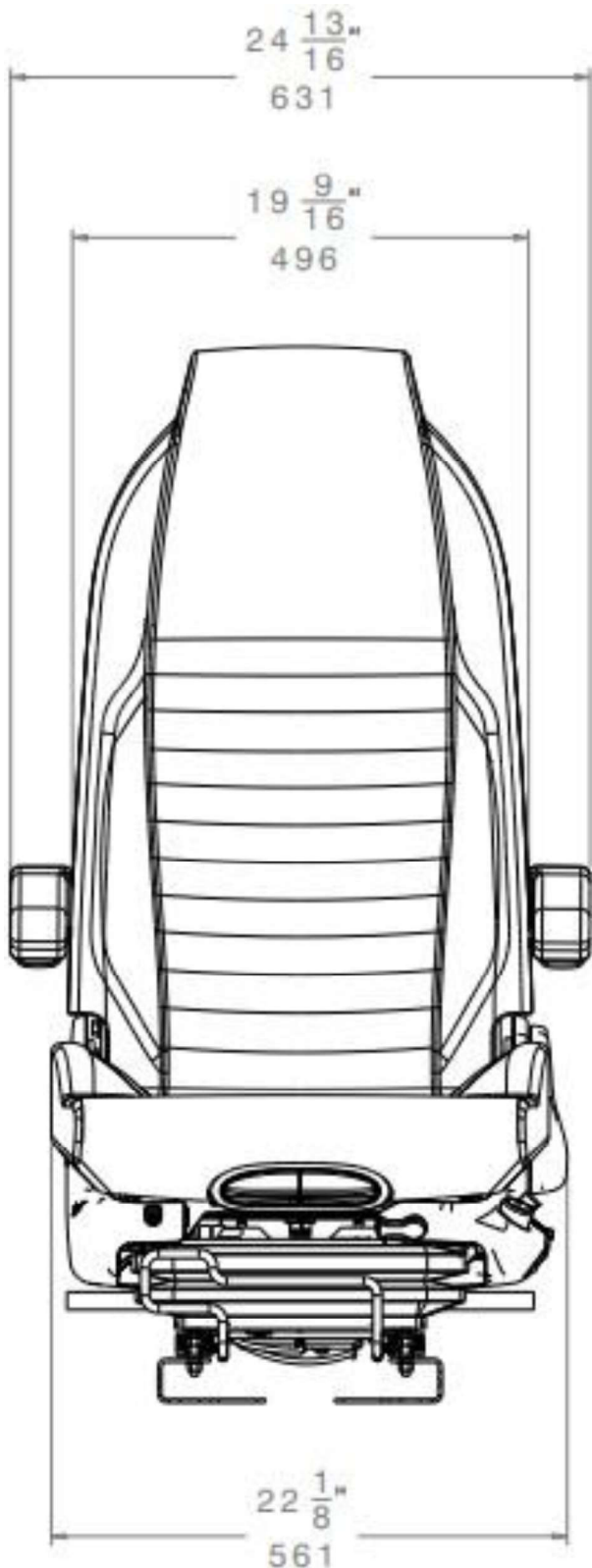


Seat Installation Guide

Seat Fit Dimensions



Seat Fit Dimensions Cont.



FLOOR MOUNTING PATTERNS

- 9 $\frac{1}{16}"$ X 22 $\frac{1}{16}"$ (1 POSITION)
- 9 $\frac{15}{16}"$ X 17 $\frac{1}{2}"$ (2 POSITIONS)
- 5 $\frac{7}{8}"$ X 12" (4 POSITIONS)
- 4 $\frac{3}{4}"$ X 12" (4 POSITIONS)

WITH ADAPTERS

- 14 $\frac{5}{8}"$ X 10 $\frac{3}{8}"$ (2 POSITIONS)

NEW SEAT PREP INSTRUCTIONS

1. Please make sure your new seat was not damaged in shipping.
2. You may have received a riser extension kit. Your kit should contain the following.

-Riser Extension Kit

QTY	Riser Extention Kit
2	Outboard Extention Plate (International Cabs)
2	Rearward Extentions Plate (Peterbilt and Kenworth 2.1 Meter Cabs)
5	Bolt, M8x1.25x25
5	M8 Nut 22 Nm +/- 3

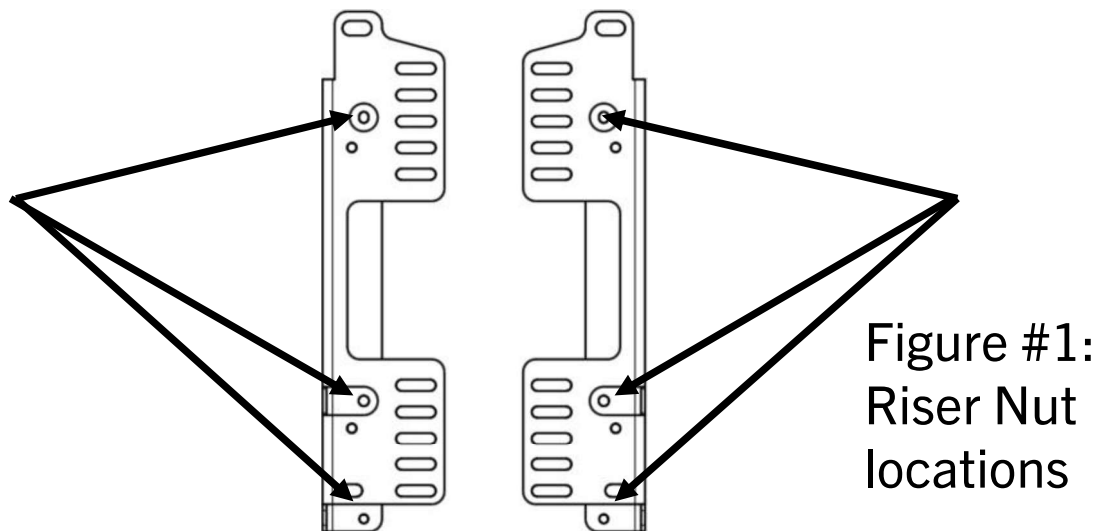
3. For Peterbilt and Kenworth 2.1-meter cabs there is an option to use the risers from your existing seat on the new seat. These options are shown on the following page.

Note: The risers that came with your new seat are just over an inch shorter than the ones on the old seat. However, with the new risers you must tether the seat whereas if you use the old risers, tethers are not necessary.

Peterbilt or Kenworth 2.1 Meter Cab Options

Option 1: Use the risers that came with the new seat, use the adapter plate included with the seat, and add tethers from the ICP bar to the cab. If you choose this option, you will start at step #4 on the next page.

Option 2: Replace the new seat risers with the ones from your old seat, no tethers required. If you chose option 2 you will need to remove the risers from the new and old seat and swap them so that the old risers are on the new seat. The nuts that need removed can be seen in figure #1. Ensure new risers are securely fastened to the new seat.

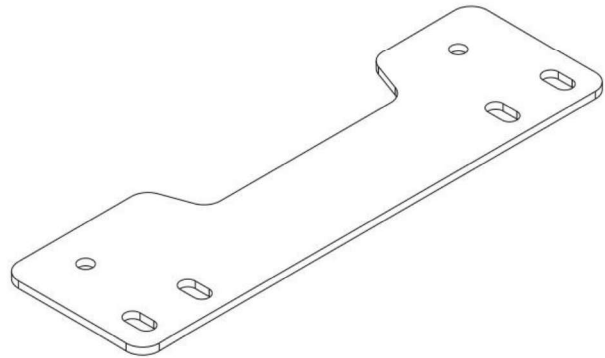
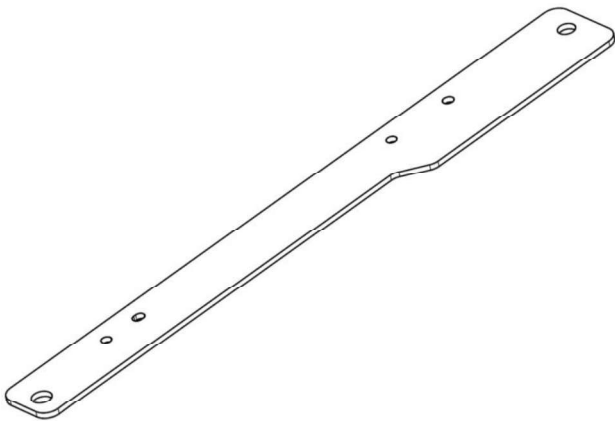


After the old risers are attached go to section:
“AFT700 INSTALLATION STEPS PETERBILT AND
KENWORTH 2.1-METER CABS”

RISER CONVERSION KIT

4. Certain cabs will require the install of the adapter plates. There is a Peterbilt and Kenworth 2.1 Meter cab set Figure #2, and a International cab set Figure #3. If you do not need the adapter plates, you can skip to step #6, otherwise move to step #5.

Figure#2: 2.1 Meter Cab Plate



Figure#3: International Cab Plate

5. Attach the adapter plates to the included risers using the m8 bolts and nuts provided. Use the riser holes shown and insert the bolts from the bottom of the risers such that the nuts are on the inside of the risers as shown in Figure #4. Figure #4 shows the international adapter plates, but the same holes can be used with the Peterbilt and Kenworth plates as seen in Figure #5.

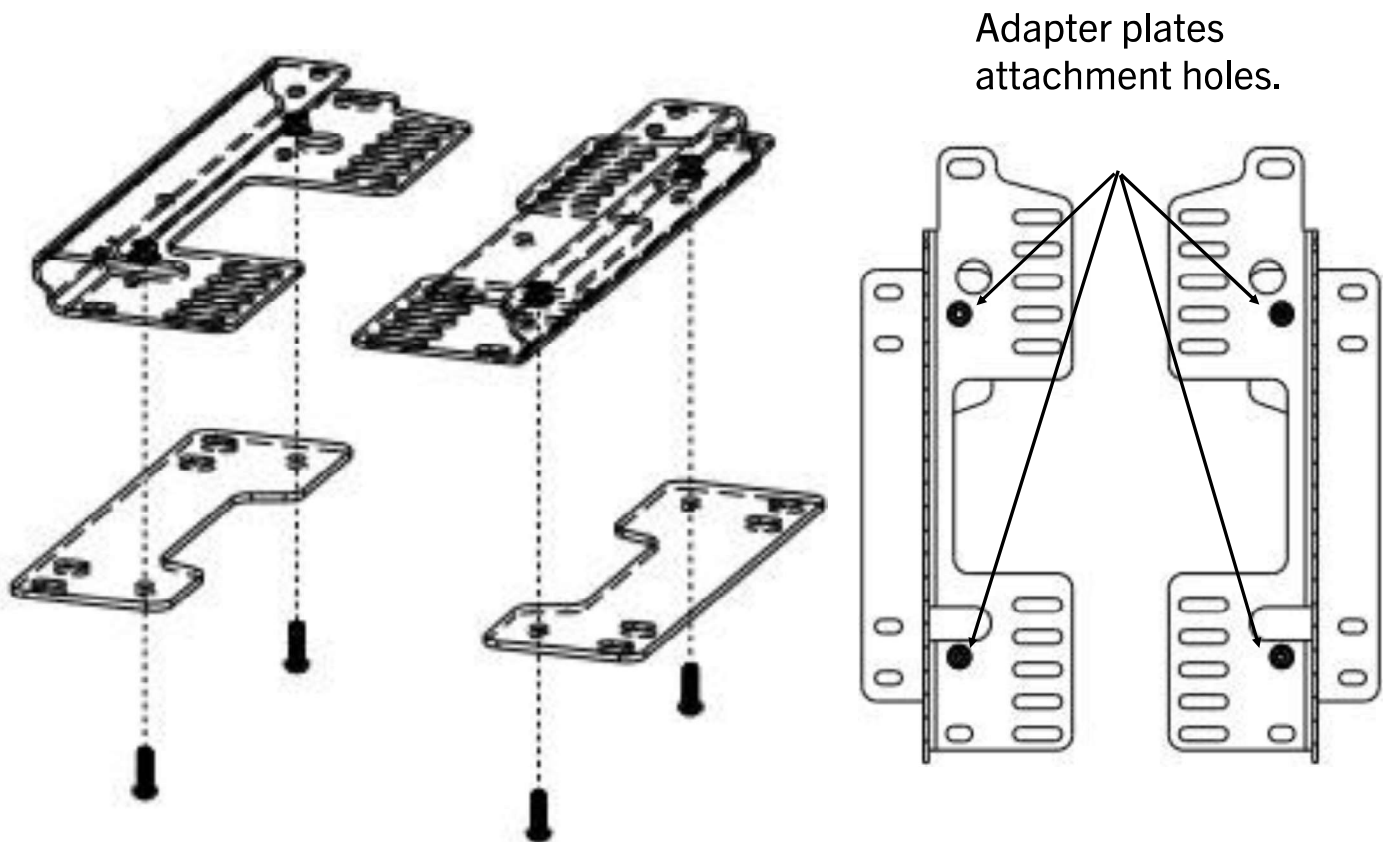


Figure #4: Seat riser and International adapter plate installation

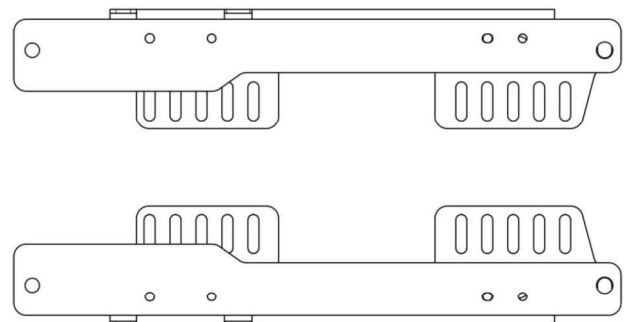


Figure #5: Seat riser and 2.1-meter adapter plate installation

6. Now your seat is ready for installation. Remove your old seat, old seat bracket (If applicable) and remove the buckle. You will need to use the old buckle with your new seat. After the buckle is removed, move to section:

**“AFT700 INSTALLATION STEPS NON
PETERBILT AND KENWORTH 2.1-METER CABS”**

AFT700 INSTALLATION STEPS PETERBILT AND KENWORTH 2.1-METER CABS

1. Put the seat into the cab and line up the bolt holes that fit your specific cab.
2. The riser that came with the seat should fit onto the same holes your previous seat did.

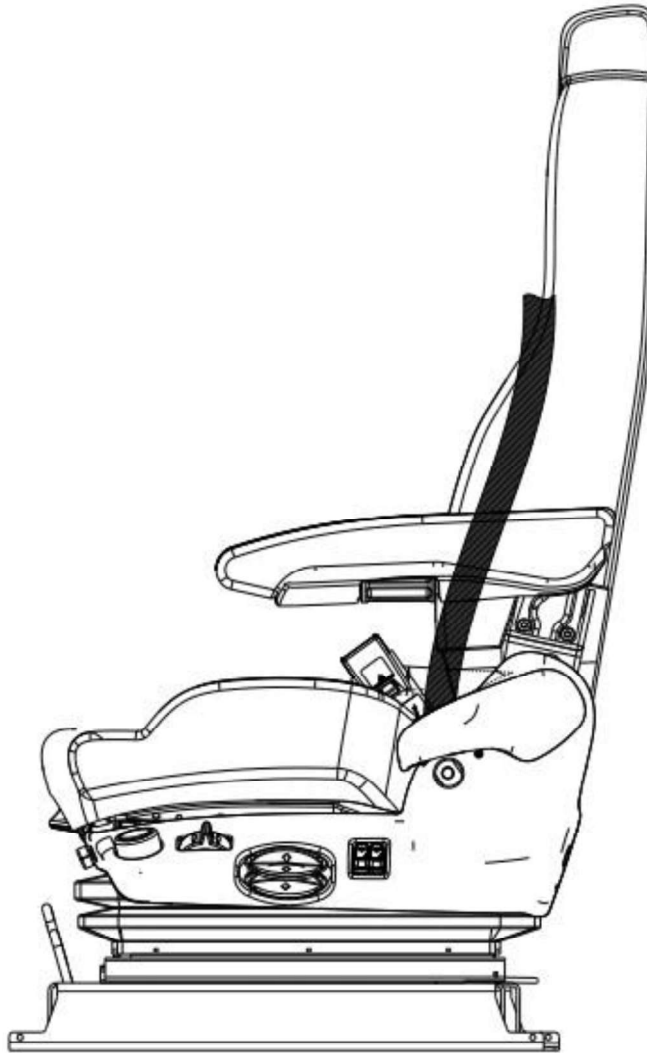


Figure #6: Peterbilt or Kenworth 2.1-meter Installation

4. Install seat to cab floor mounting locations. Pull the FORE/AFT adjustment bar up and push the risers into their furthest back position to ensure slide tracks are aligned before bolting. Using the existing seat mounting bolts with the washers (provided). Position washers on the top side of the seat risers, as shown in Figure #7. Then secure the risers to the cab floor by fastening the bolts to the cab floor. These bolts should be torqued to the cab manufactures specifications.

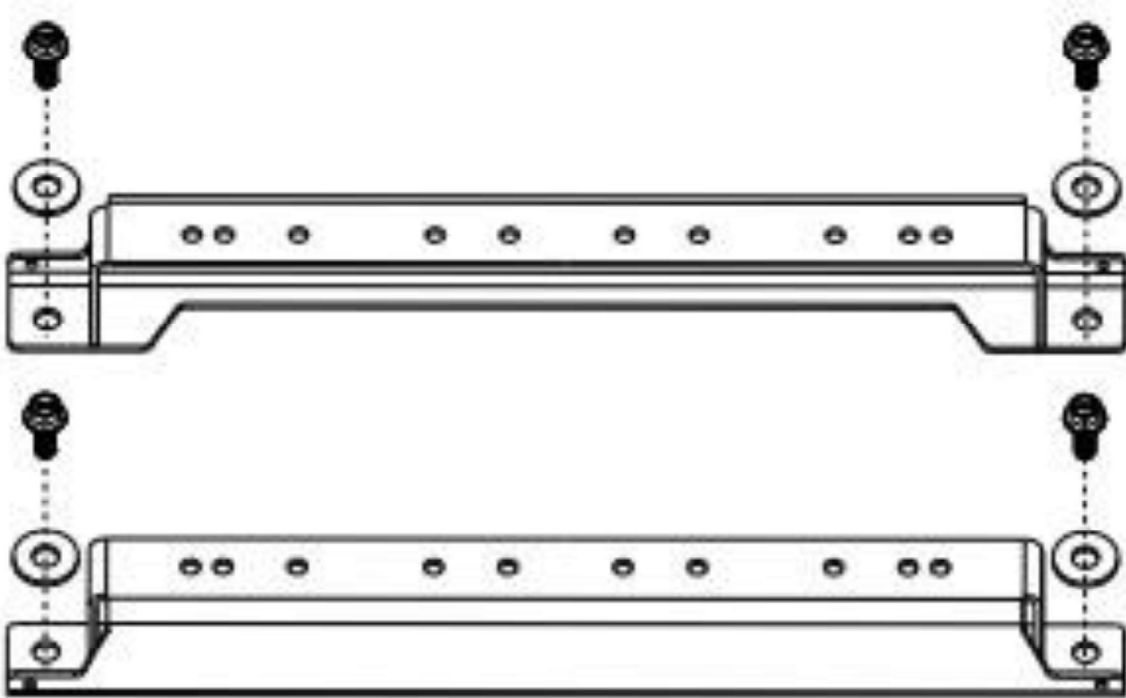
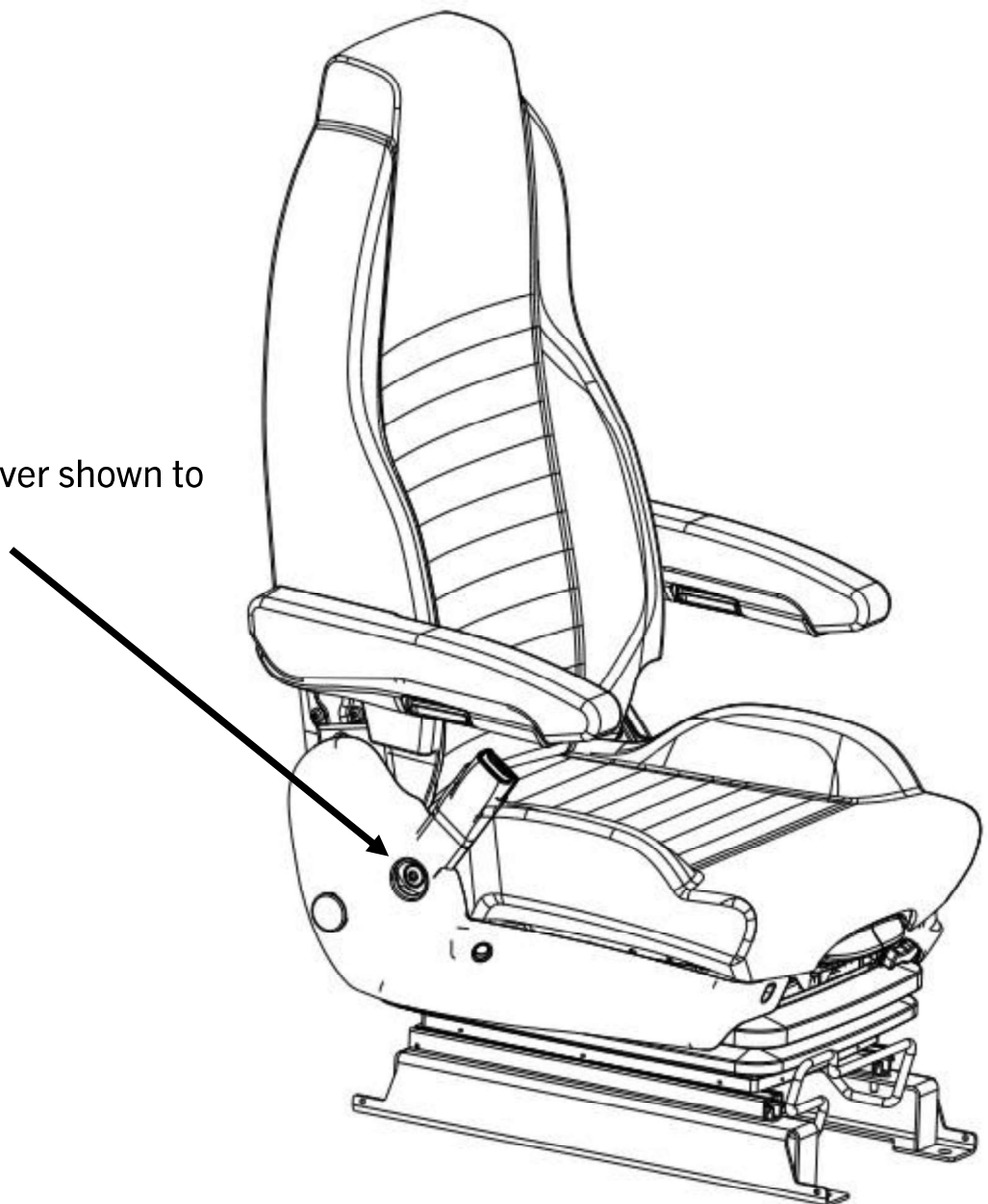


Figure #7: Bolting risers to cab.

5. You must use the buckle from the old seat and put it in the same location on the new seat. The location for the buckle can be found here below in figure #8 under the cover. This cover can be removed with a simple flat head.

NOTE: Make sure to use the correct side of the seat, right side for drivers and left side for passengers.

Figure #8 . Remove cover shown to remove



6. You must remove the webbing anchor from the old seat and attach it to the new seat, left side for drivers and right side for passengers. See Figure #9. The mounting bolt is accessed by raising the recline adjustment handle. Tightly secure using the M12 bolt from the previous seat. You can now move to section. “AFT700 SEAT HOOK UP”

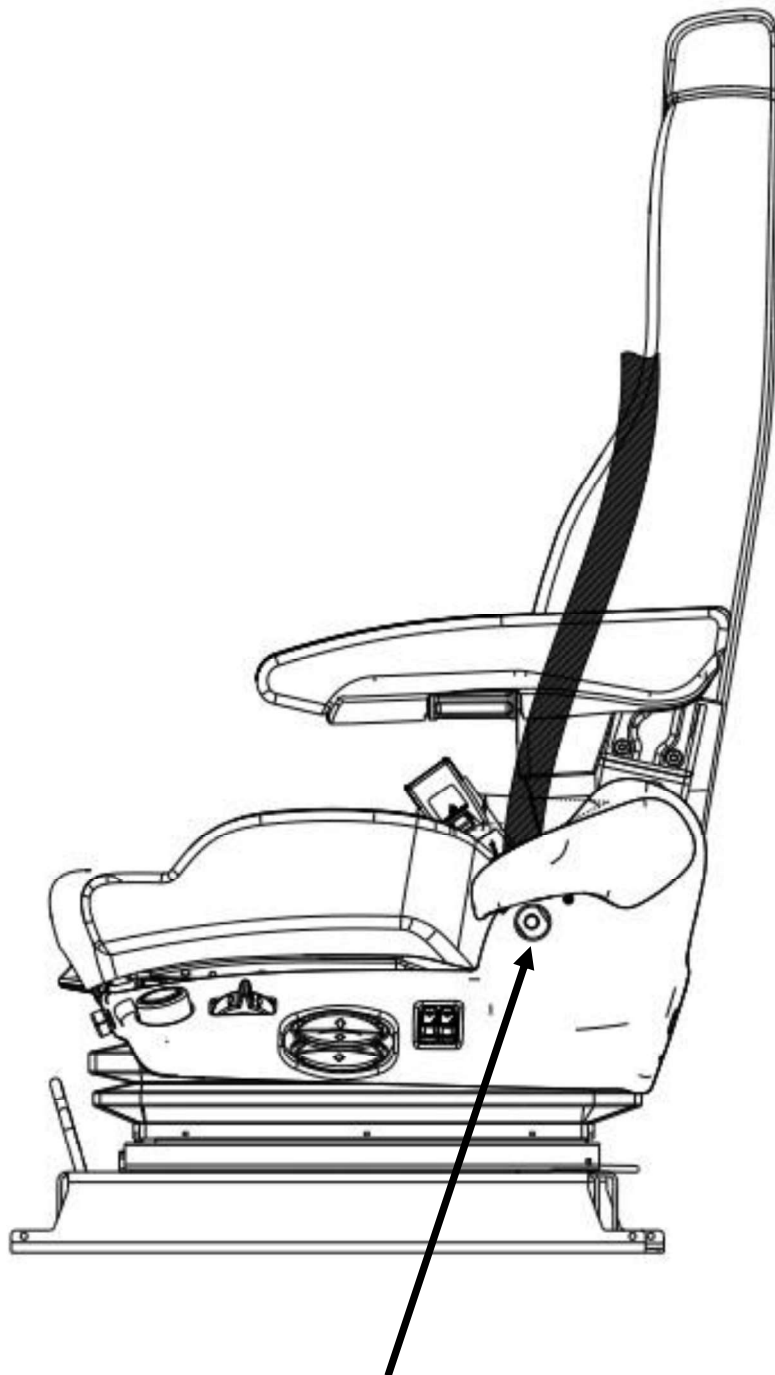


Figure #9: Anchor point for 2.1m cabs (access under recliner handle)

AFT700 INSTALLATION STEPS NON PETERBILT AND KENWORTH 2.1-METER CABS

1. Install the ICP bar as shown below in figure #10.
2. Put the seat into the cab and line up the bolt holes that fit your specific cab.



Figure #10: Regular Tether
Installation

2. Reattach the original tethers to the ICP bar. You must also attach your old buckle to the ICP bar at the same time. It is important to verify that the tethers are long enough to allow your new seat to achieve its full travel range. To verify the length, move the seat to the full forward, fully raised position. If your old tethers are too short you will need to replace them with longer tethers. Continued on next page.

Note: If installing the seat into a 2.1- meter cab. The tether tie down locations are the same as seat tie down locations, and will be explained further after step 4. You can leave them unbolted to the cab for now

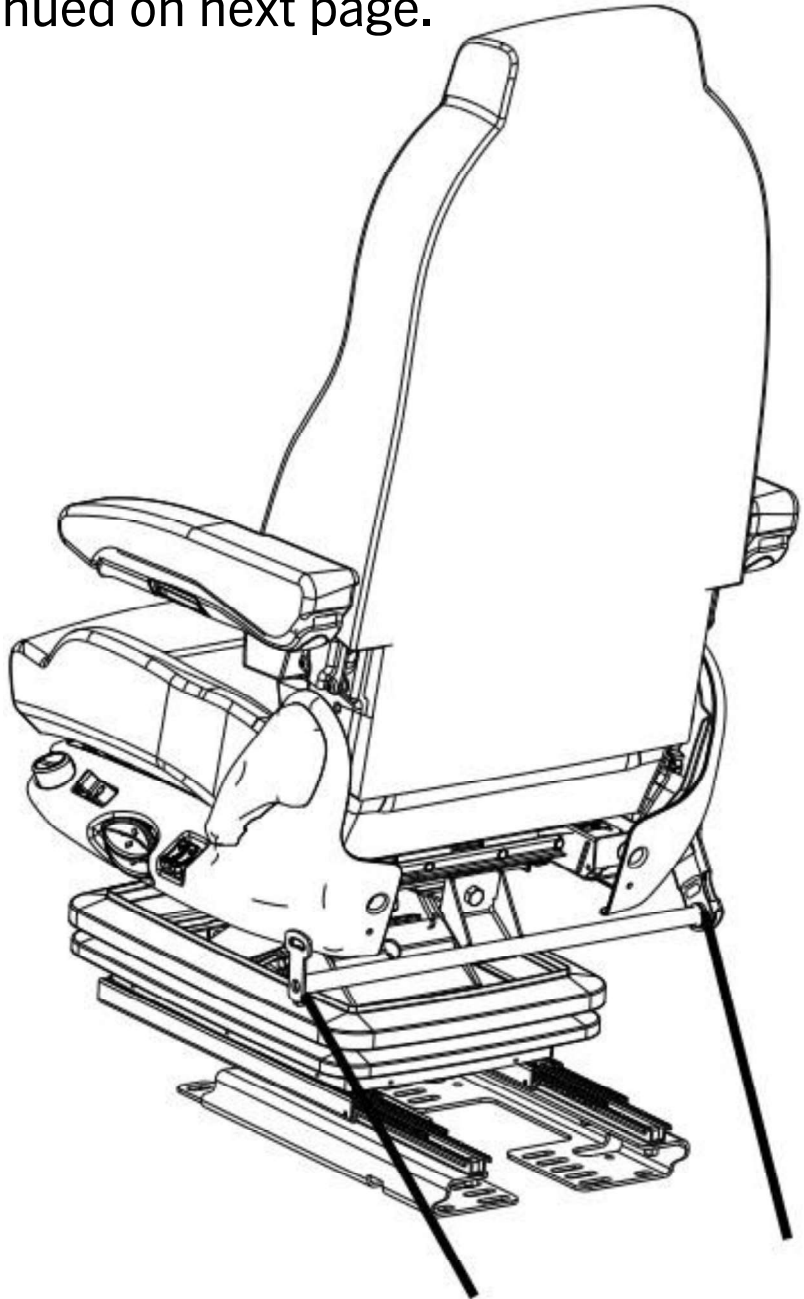


Figure #10: Regular Tether Installation

2 Cont. Attach existing belt buckle and the tethers to ICP bar on the correct side of the seat, right side for drivers and left side for passengers. Position buckle at approximately a 45-degree angle from horizontal and tether facing opposite it, as shown in figure #11. Securely fasten the tether and buckle to the ICP bar using one of the two included 7/16 long bolts.

IMPORTANT Note:

If you are using the seat belt from your old GRAMAG seat you will need to remove the original bolt from the buckle and use the included ICP bar bolt. This can be done by removing the paper washer from the buckle bolt then sliding off the washer and removing the bolt from the buckle.



Figure #11: Buckle and tether attached to ICP bar.

3. Attach existing lap belt anchor and the remaining tether to ICP bar on the correct side of the seat, left side for drivers and right side for passengers. See figure #12. Securely fasten the belt anchor and tether to the ICP bar using the remaining 7/16 long bolt.

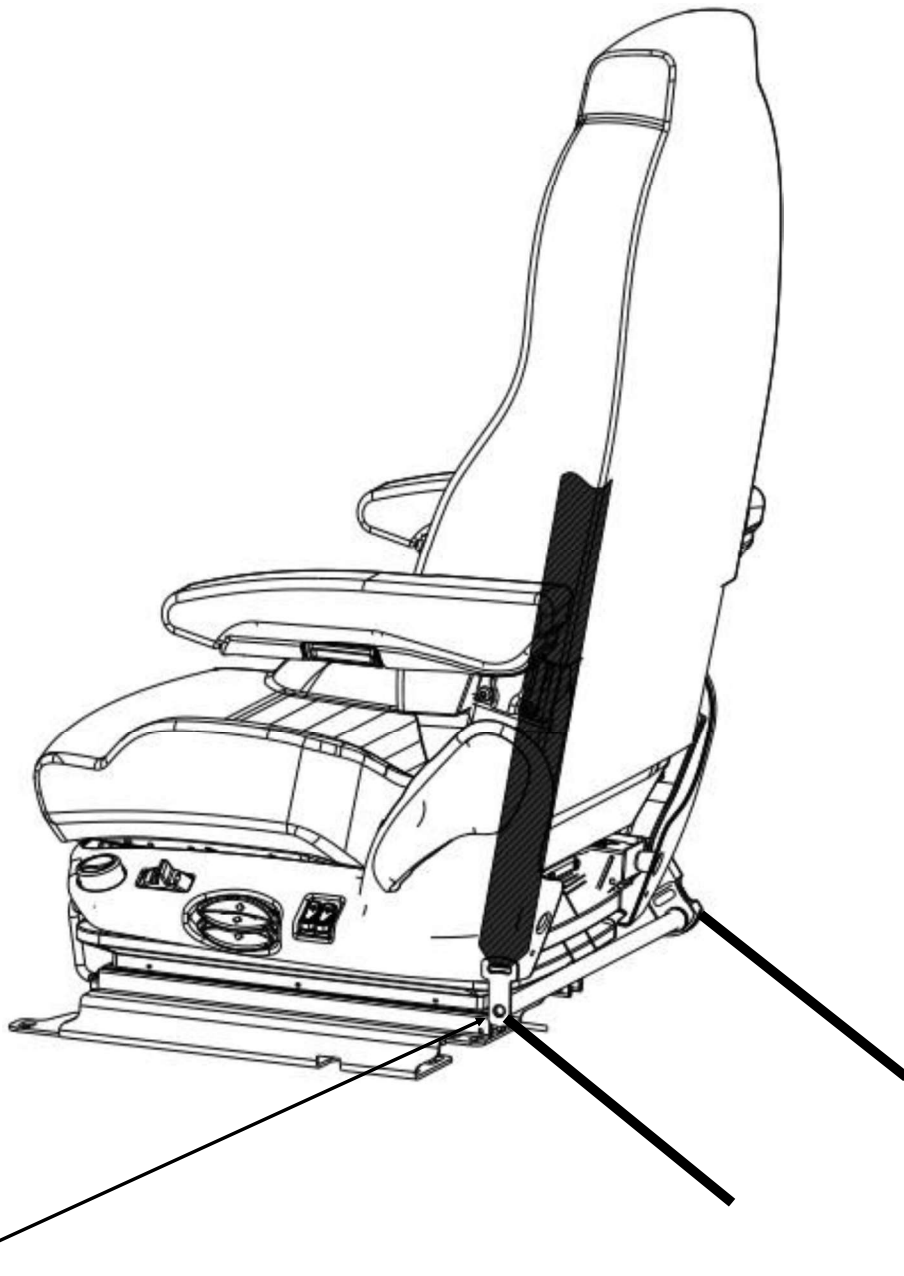


Figure #12: Attachment of the lap belt anchor to the ICP bar.

4. Install seat to cab floor mounting locations. Using existing seat mounting bolts with the washers (provided), fasten the bolts to the cab floor. These bolts should be torqued to the cab manufactures specifications. Now move to seat hook up section.

NOTE: Figures do not show all possible bolt installation locations.

NOTE: If Installing in a 2.1 meter cab please see following page

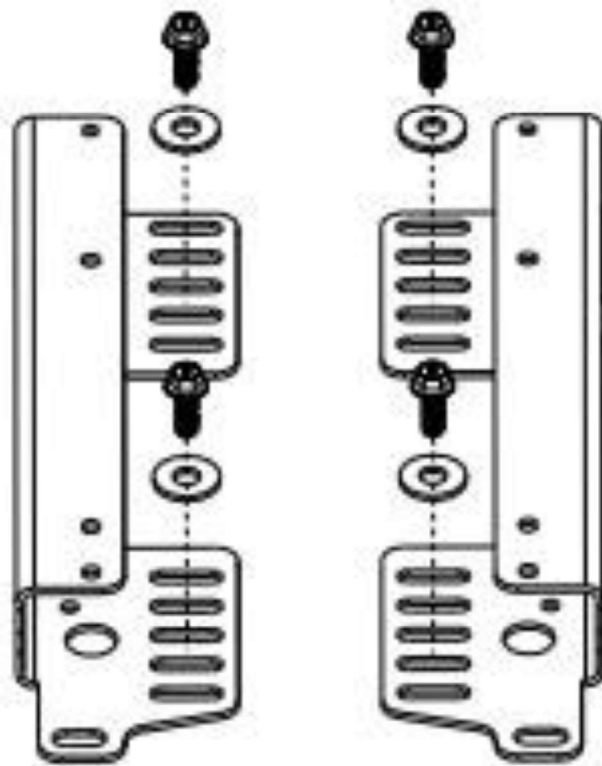
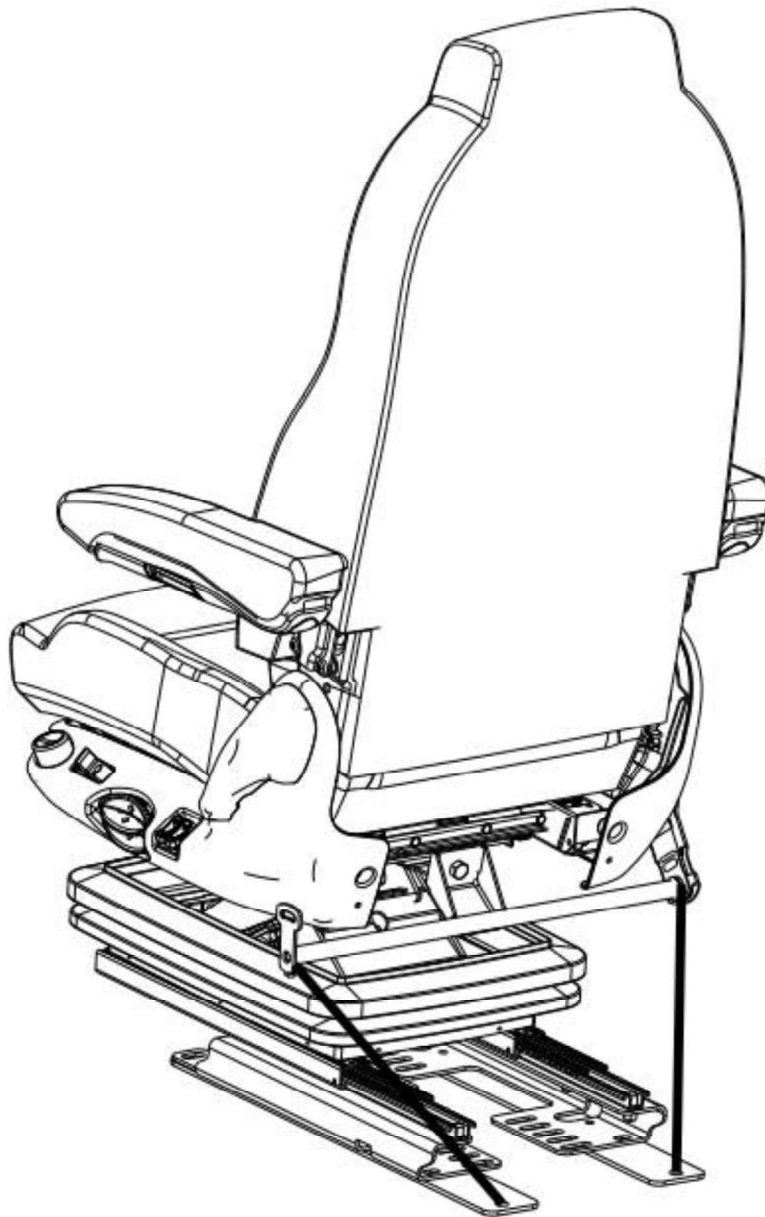


Figure #13: Bolting risers to cab.

Note: Your cab may use different riser holes then the ones shown

This page is only needed if the new risers and adapter plates are being used in a 2.1-meter cab. If you are using risers from your old seat or your cab is not a Peterbilt or Kenworth 2.1-meter cab you can disregard this page.

5. Because your original seat did not use tethers you will need to tie them down under the rear seat tie down bolts as seen in figure #14.



NOTE: To verify the tether length, move the seat to the full forward, fully raised position. And adjust tethers to be tight at that location

Figure #14: Peterbilt or Kenworth 2.1-meter Tether Installation

AFT700 SEAT HOOK UP

1. Attach the truck cab air line to the black air line found at the rear of the seat, see Figure #15. Make air line connections using standard DOT approved fittings. Check air line connection for leaks.

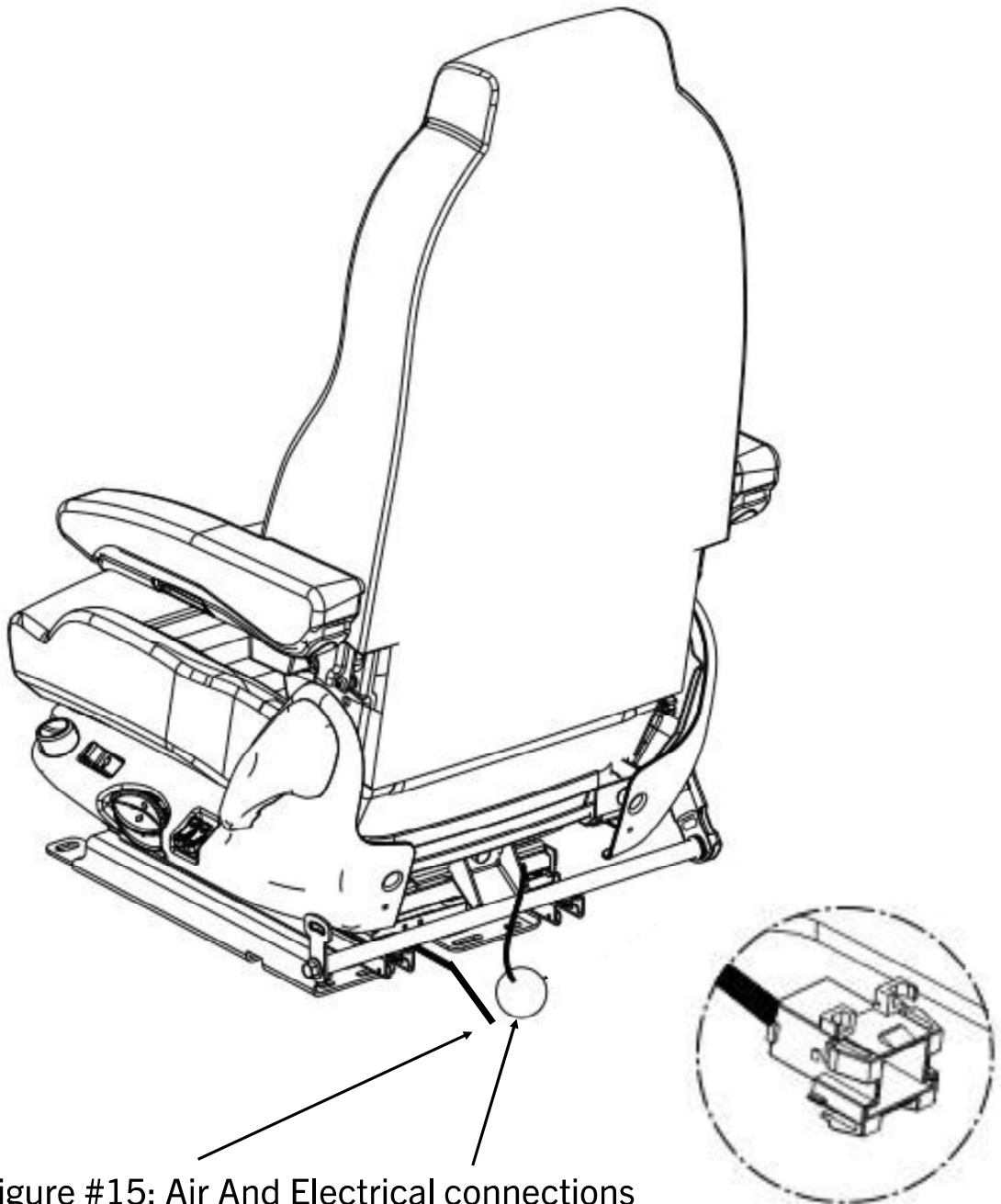


Figure #15: Air And Electrical connections

Detail B
Scale: 1:1

2. If your new seat does not have an electrical harness, you can skip this step. Certain cabs may have the female terminal for the connector shown in figure #16. If your cab does have that terminal, then simply attach the two connectors. If your cab does not have this connector you are going to have to cut the connector off of the seat's harness and connect the power (red) and ground (black) wires to a 20-30A ignition tied slot in the fuse panel. (This will not void your warranty)

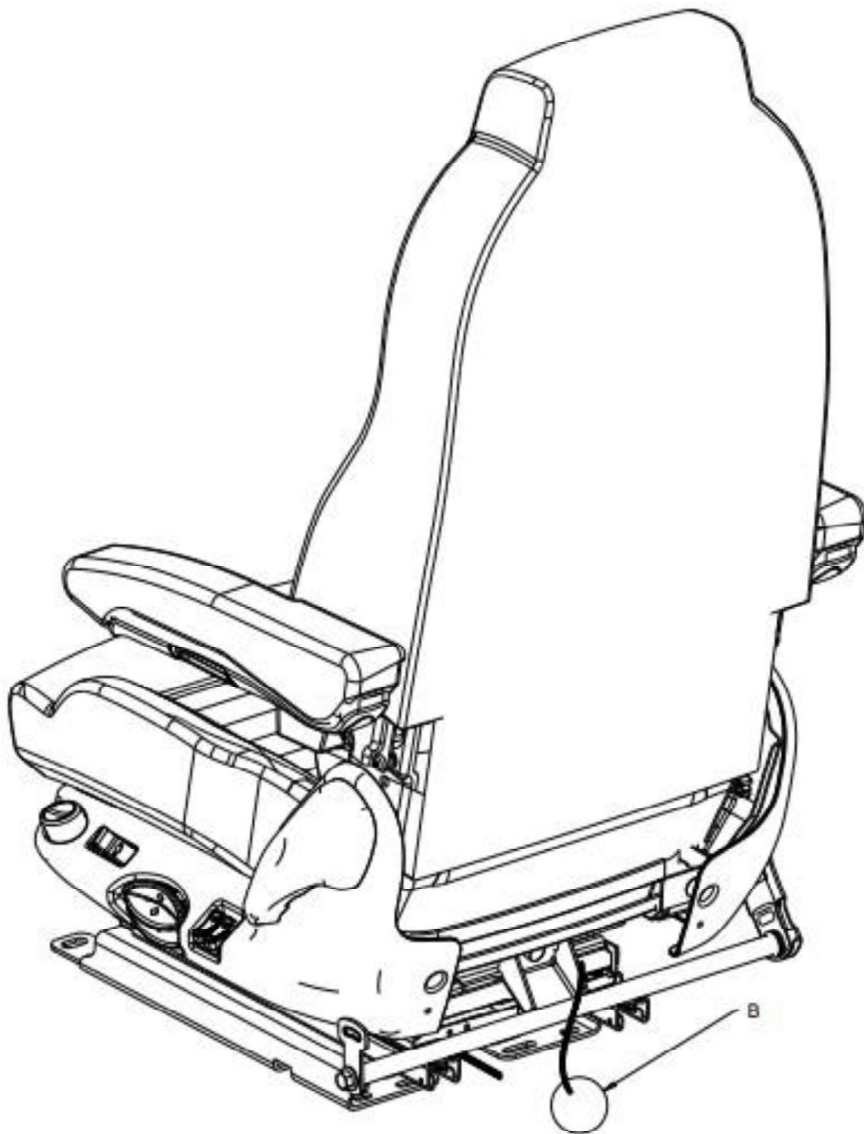
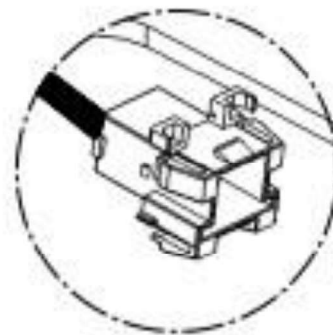


Figure #16: Electrical Connection

Note: If you don't want to cut the connector off you can also purchase the other side of the connector. As of June 2023 These parts can be found at <https://www.mouser.com> Under the manufactures part number:
"1-929504-1" (You will need 1)
"927775-1 (Loose Piece)" (You will need 4)
You will also need wire of gauge 17-20 and a tool to crimp the connections.



Detail B
Scale: 1:1

3. If your seat comes with armrests you are going to have to reveal the armrest bolt mounts on the seatback. This can be done by hammering on the bolt mounts, effectively punching holes in the trim or cutting an X over each bolt mount then pushing them out of the trim to reveal the holes. Once the mounts are revealed securely attach the armrests with the included m8 bolts. See Figure #17 below for approximate location of the mounts.

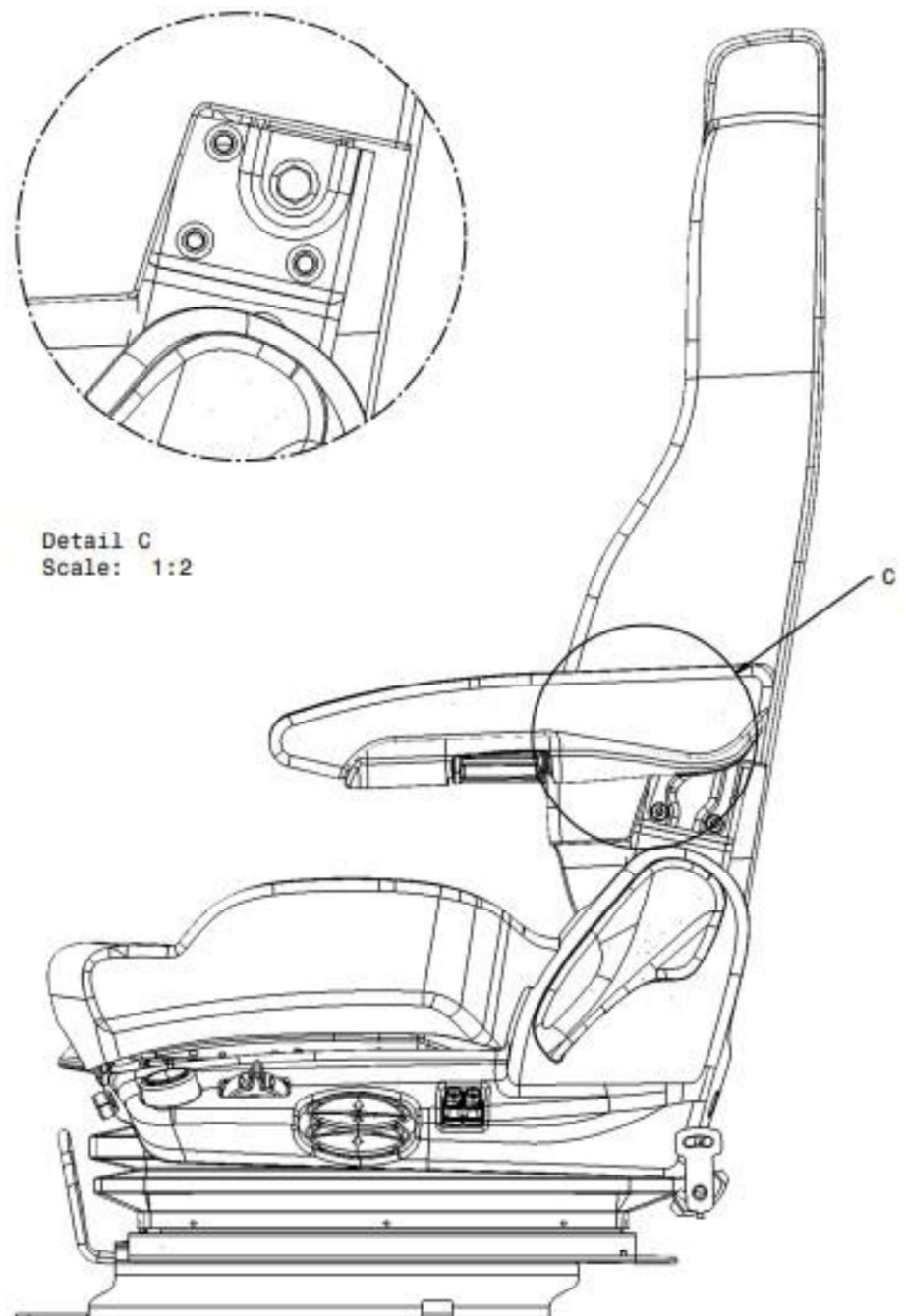
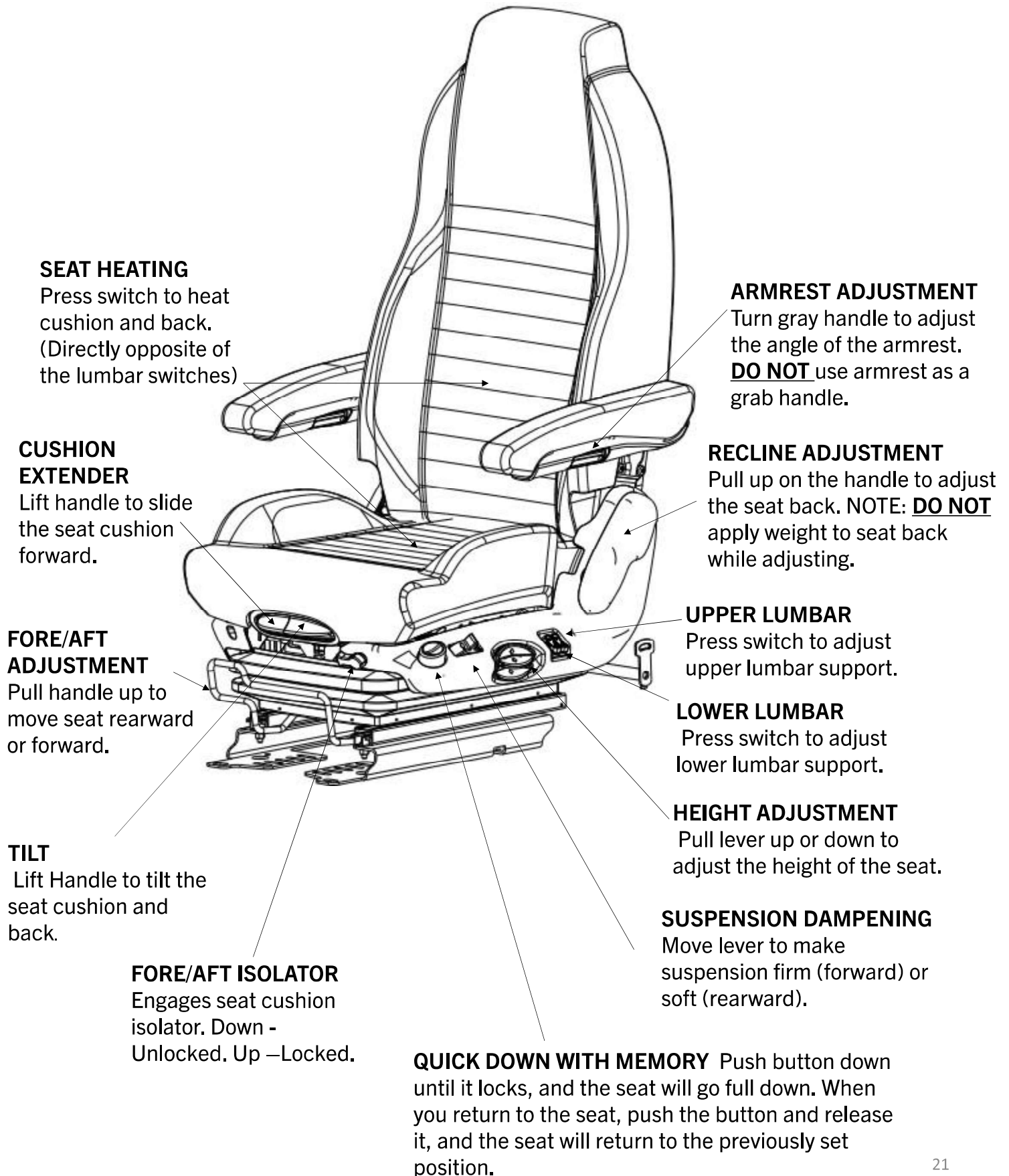


Figure #17:
Armrest mount locations

4. Once installation is complete, check seat functions: Seat functions can be found on this and the next page.



For additional information, contact:
GRAMAG Truck Interior Systems
470 East High Street
London, Ohio 43140

Phone: 740-490-1000
Toll Free: 866-247-2624
Fax: 740-490-1038
E-mail: info@gramag.com



WARNING!!



An Installer is solely responsible for the use of this product in each application.

For a full list of warnings/comments please visit the GRA-MAG website and search Limited Warranty.



WARNING!!

Do not adjust the driver's seat while the vehicle is moving. The seat could move suddenly and unexpectedly and can cause the driver to lose control of the vehicle. Make all adjustments to the seat while the vehicle is stopped. After adjusting the seat and before driving off, always check to ensure that the seat is firmly latched in position. Failure to comply may result in death, personal injury or property damage.

Before driving or riding in vehicle, ensure that there is adequate head clearance at maximum upward travel of seat. Injury may occur if head clearance is not adequate. Failure to comply may result in death or personal injury.

Seat heaters should not be used if the operator or passenger has difficulty in sensing and reacting to an increased temperature of the seat. The heater function may result in personal injury.

Do not use the seat heater for more than 10 minutes at one time. Always turn off the seat heaters when they are not needed. Overuse of the seat heater may decrease the capacity of the vehicle's batteries and may result in poor starting and potential equipment damage.

Keep hands, tools and other objects away from the scissor points under the seat. Failure to do so may cause personal injury and or damage to the seat.



WARNING!!

Do not drive or ride with your seat back in the reclined position. You could be injured by sliding under the seat belts in a collision. Failure to comply may result in death or personal injury.

Do not drive vehicle without your seat belt and your riders belts fastened. Riding without a safety belt properly fastened can lead to death or personal injury in an emergency.

Proper seat belt adjustment and is important to maximize occupant safety. Failure to wear or adjust the safety belt properly may result in death or personal injury

Failure to adjust tether belts properly can cause excessive movement of the seat in an accident. Tether belts should be adjusted so that they are taut when the seat is in its most upward and forward position. Failure to comply may result in death or personal injury.

Failure to use tether belts could allow the seat base to fully extend in the event of an accident. Failure to comply may result in death or personal injury