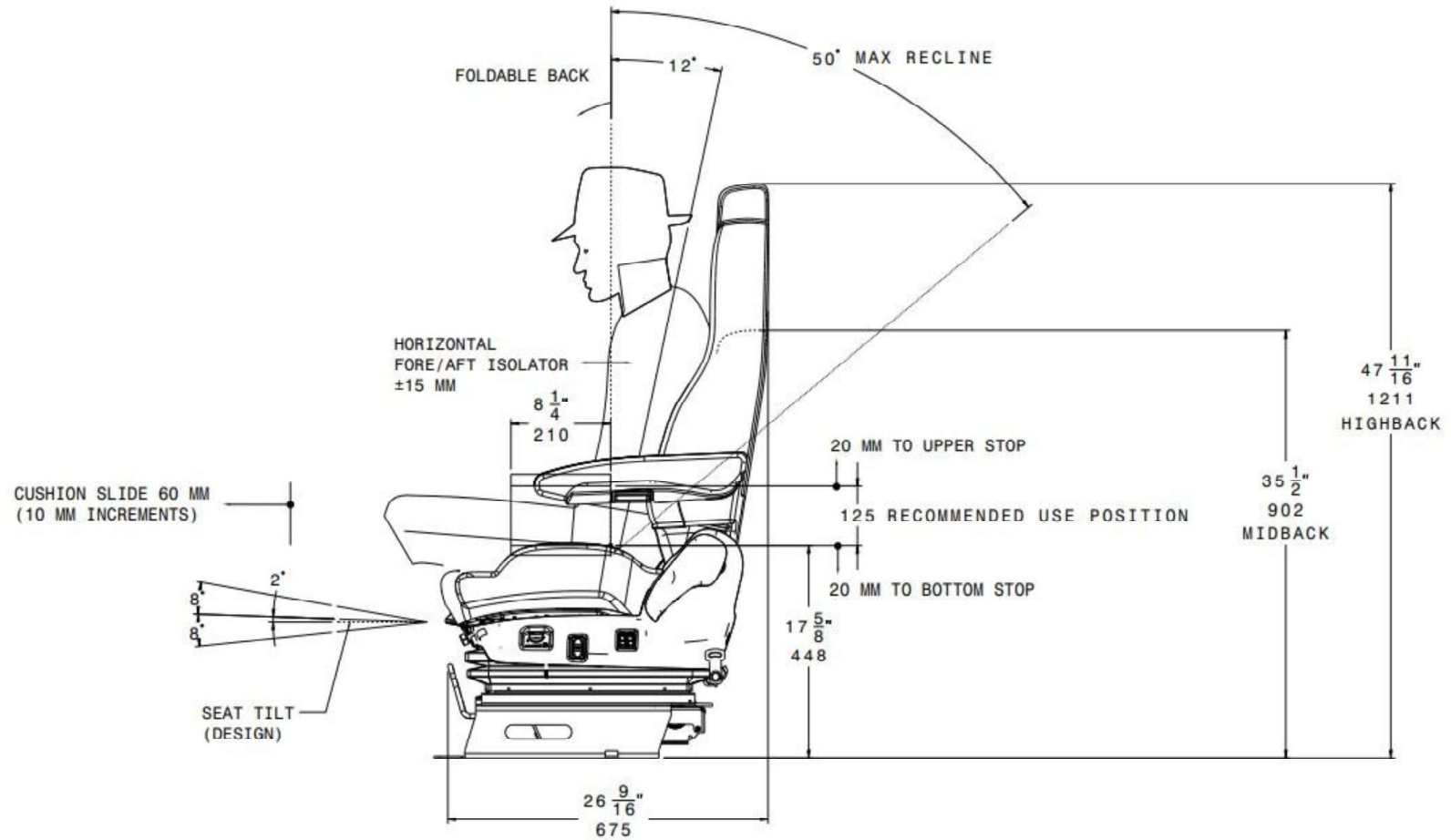


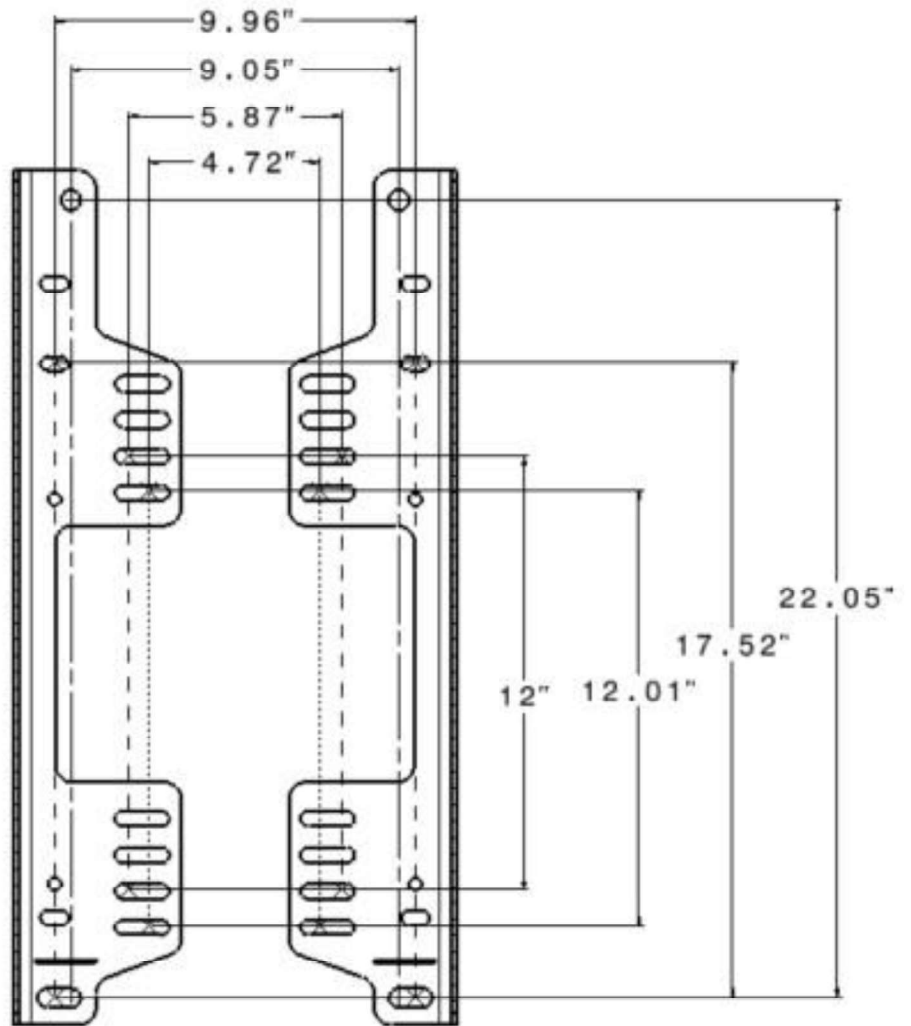
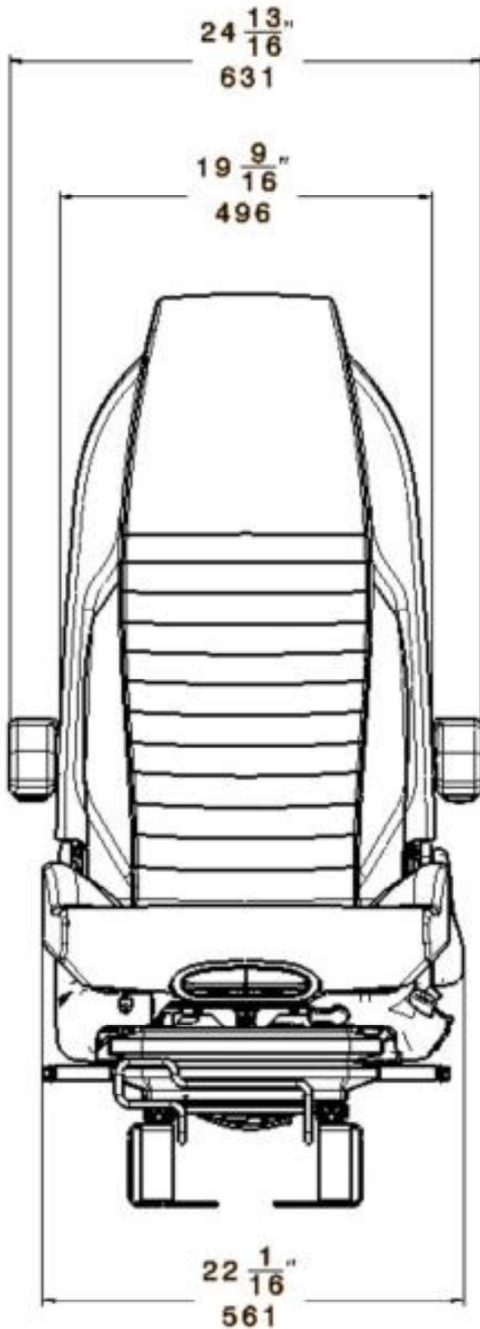


Seat Installation Guide

Seat Fit Dimensions



Seat Fit Dimensions Cont.

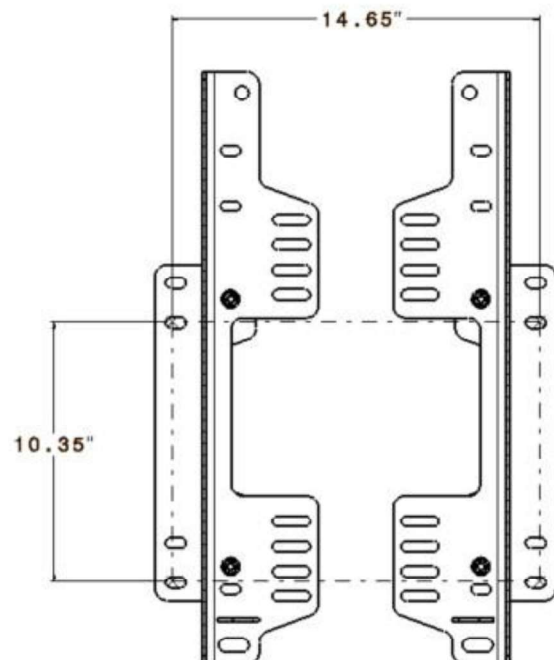


GRAMAG GT700 AFTERMARKET FLOOR MOUNTING PATTERNS

- 9.05" X 22.05" (1 POSITION)
- 9.96" X 17.52" (2 POSITIONS)
- 5.87" X 12.00" (4 POSITIONS)
- 4.72" X 12.01" (4 POSITIONS)

WITH ADAPTERS

- 14.65" X 10.35" (2 POSITIONS)



NEW SEAT PREP INSTRUCTIONS

1. Please make sure your new seat was not damaged in shipping.
2. You received a riser extension kit along with a wire Installation kit. Your kits should contain the following.

-Riser Extension Kit

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

- Wire Installation Kit

QTY	Electronics Install Kit
1	In line fuse holder - red
2	Fuse, 30A standard
2	Fuse, 2A mini
3	Ring crimp, 3/8"
2	Butt splice, 10-12 AWG
1	Grommet, 1/2" ID, for 13/16" panel cutout (PN 747 Keystone Electronics)
1	Fuse tap, 15A
6	Heat shrink tubing (1 inch pieces)
1	Wire Harness ARS Power Supply
1	Wire Harness ARS vehicle communication
1	Adjustable tether set

RISER CONVERSION KIT

3. Certain cabs will require the install of the adapter plates. There is a Peterbilt and Kenworth 2.1 Meter cab set Figure #1, and a International cab set Figure #2. If you do not need the adapter plates, you can skip to step #6, otherwise move to step #4.

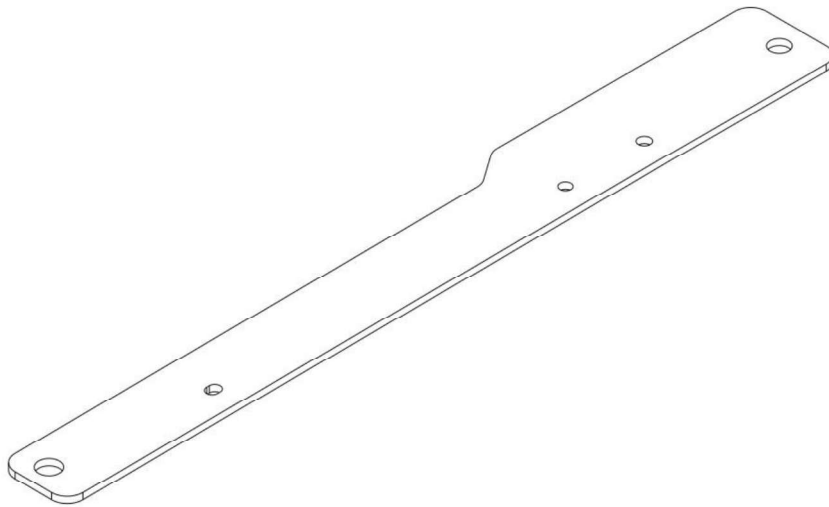
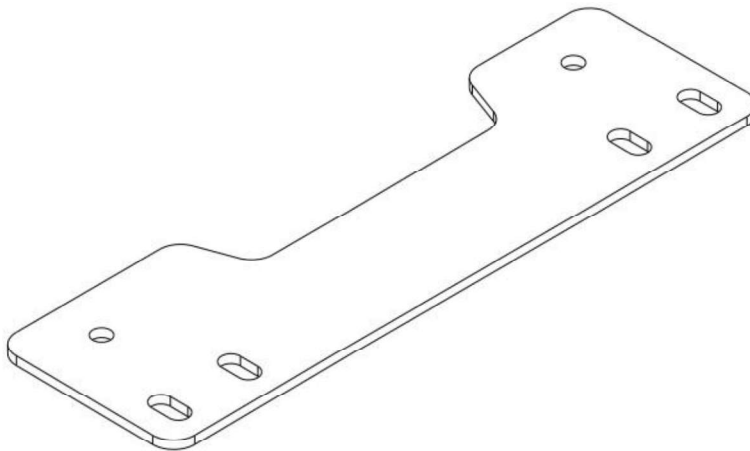


Figure #1: Peterbilt and Kenworth 2.1 Meters Cab Plate



Figure#2: International Cab Plate

4. 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 #3. Figure #3 shows the international adapter plates, but the same holes can be used with the Peterbilt and Kenworth plates Figure #4.

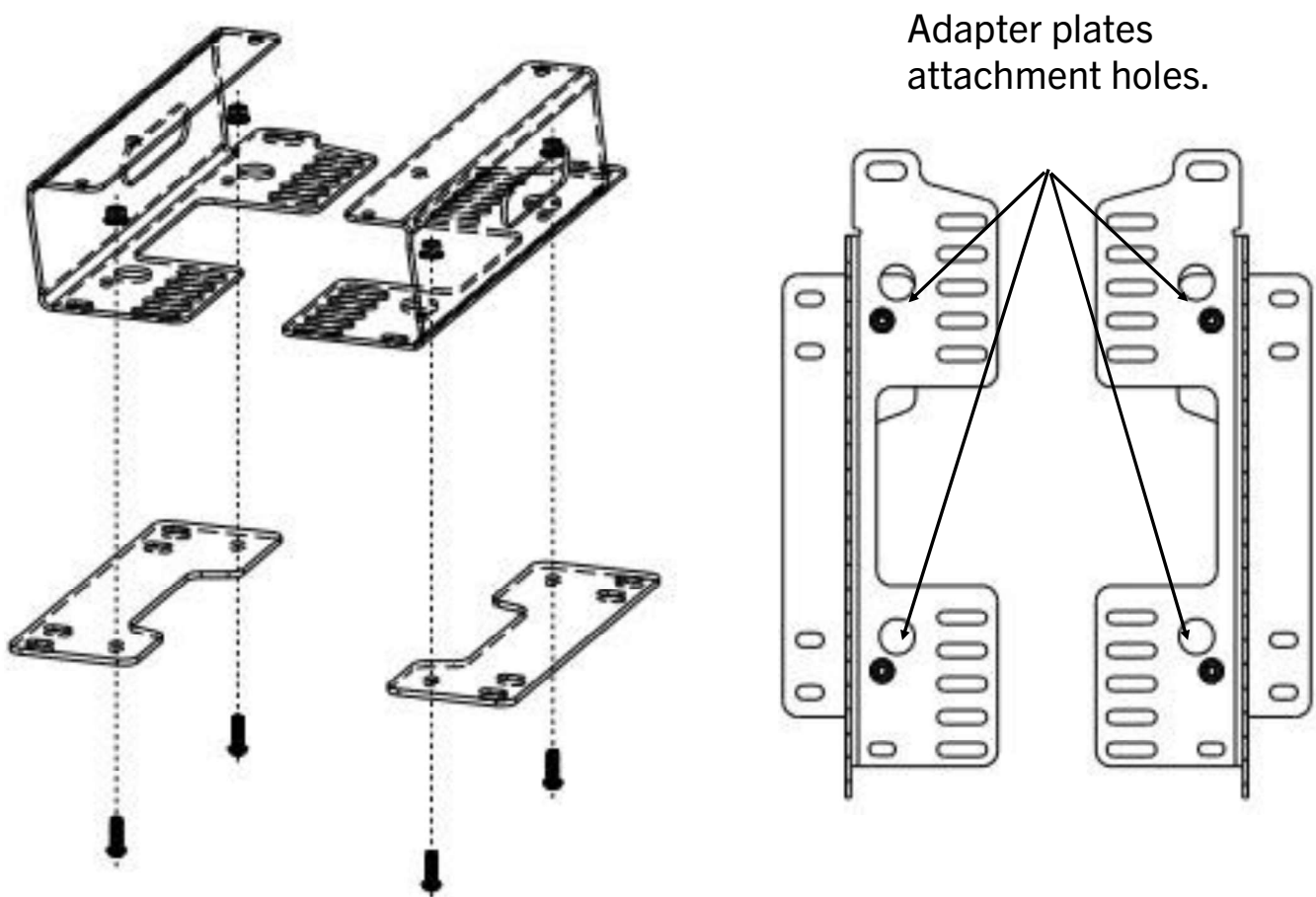


Figure #3: Seat riser and International adapter plate installation

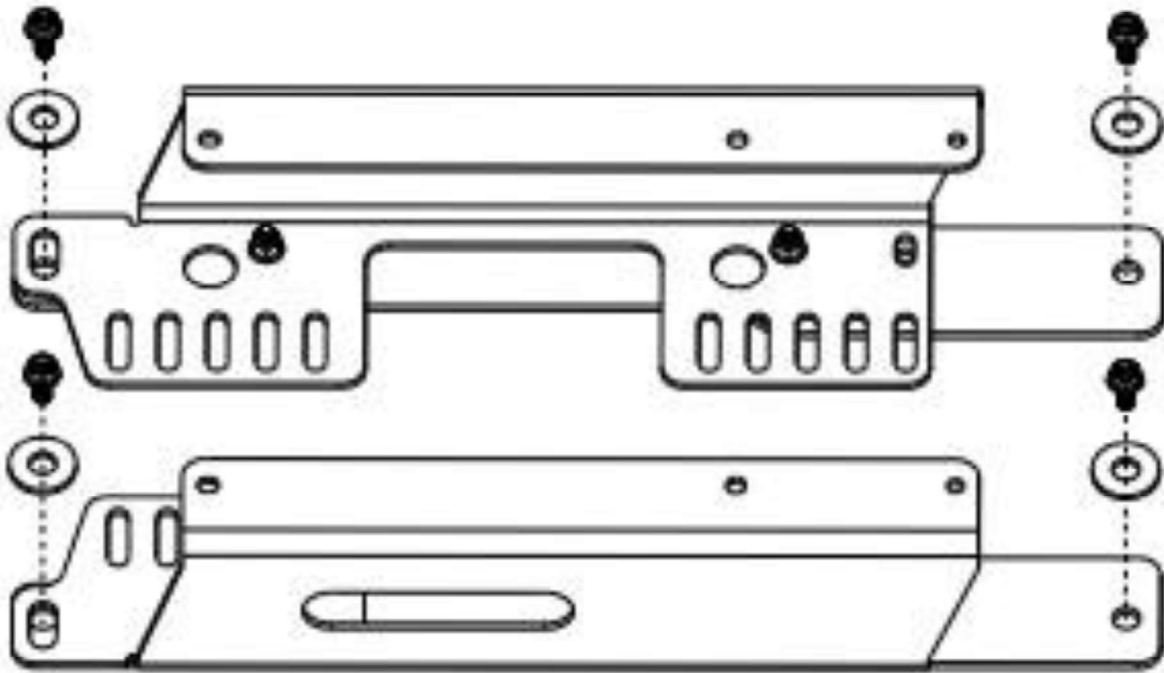


Figure #4: Peterbilt and Kenworth 2.1 meter cab plates installation

5. 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 your old buckle with your new seat. After the buckle is removed, move to section:

STEADYRIDE PRE INSTALLATION STEPS

POWER HARNESS

NOTE: Ensure all crimps make good connection. This can be done by lightly tugging on them to make sure they don't separate. It is also recommended that you use the included heat shrink on all crimps. The ring crimps have heat shrink on them already.

1. Find a suitable hole in the cab where the power harness can be routed from the seat to the truck's 12-volt batteries. If there is no suitable hole, then one $\frac{3}{4}$ inch hole can be drilled and used with the included grommet.
2. Feed the power harness through the hole, the side of the harness with the plug should end near the back of the seat.
3. Cut the power harness to the appropriate length near the battery make sure to leave slack for seat travel.
4. Crimp the "in line" 30-amp fuse onto the positive red wire with the included butt splices where you desire. It is recommended to place it where it will be easily accessible. It is also recommended to use the heat shrink appropriately on all crimped connections.
5. Crimp the battery loops onto the exposed ends of the positive and negative wire then heat the crimp sheath to seal the connection. Connect ring terminals to the batteries. Then insert the 30-amp fuse into the included holder.

STEADYRIDE PRE INSTALLATION STEPS COMMUNICATION HARNESS CONT.

6. Route the signal cable to the fuse box inside the trucks cab and cut harness to length. The bare wire end should be near the fuse box and the connector end should be near where the back of the seat will be. Make sure to account for seat movement.

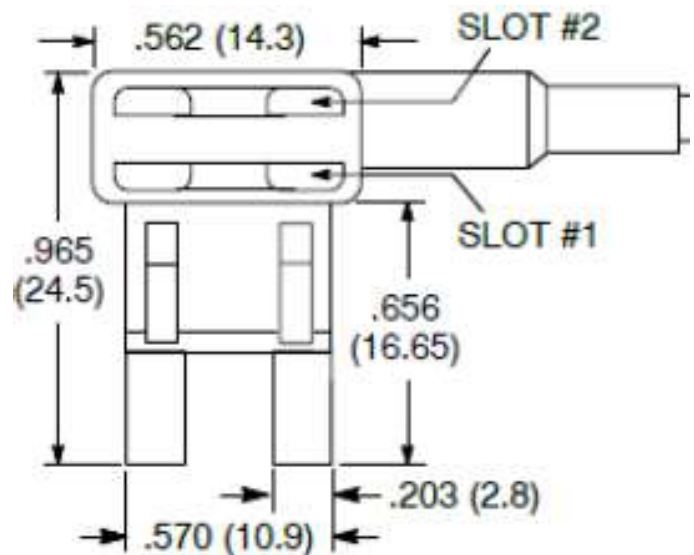
7. There are two options when choosing where to plug in the tap.

A. piggy-back off of an existing fuse in the panel.

- i. Select a fuse to piggy-back off of. It is recommended to choose one in an accessory or ignition slot of the panel. The fuse must be 15 amp or lower.
- ii. Next remove the current fuse in the panel and placing it in slot 1 of the fuse tap.
- iii. A two-amp fuse must then be placed in slot 2.
- iv. Then insert the fuse tap into the fuse panel where you took out the initial fuse.

B. Choose an open fuse slot in the panel.

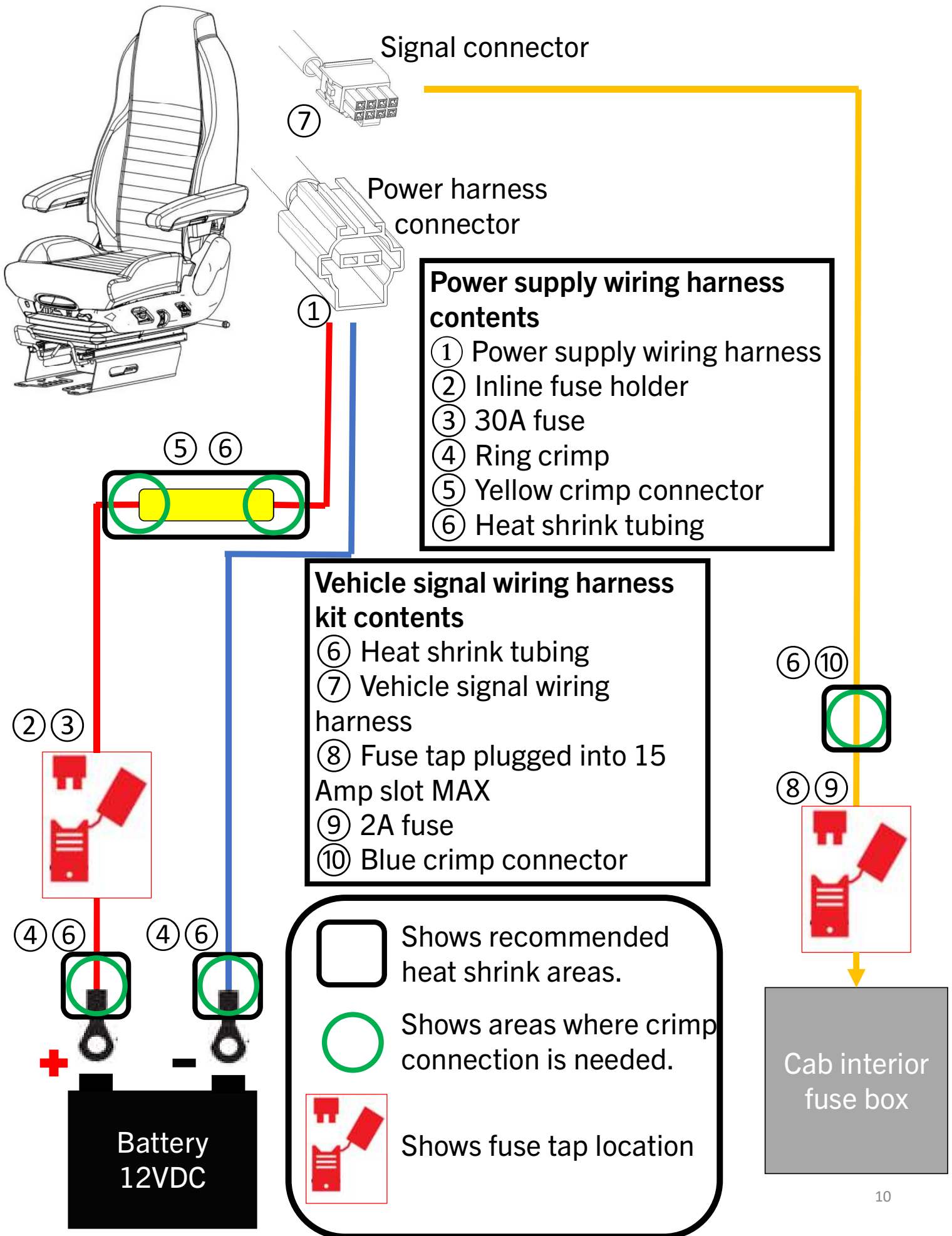
- i. Put the included two-amp fuses in both slots of the fuse tap.
- ii. Insert the tap into an open accessory or ignition slot in the panel ensure that fuse location is 15 amps or less.



8. Now you should have the communication harness hooked into the fuse panel and the power harness hooked up to the truck batteries. If this is correct move on to Installation

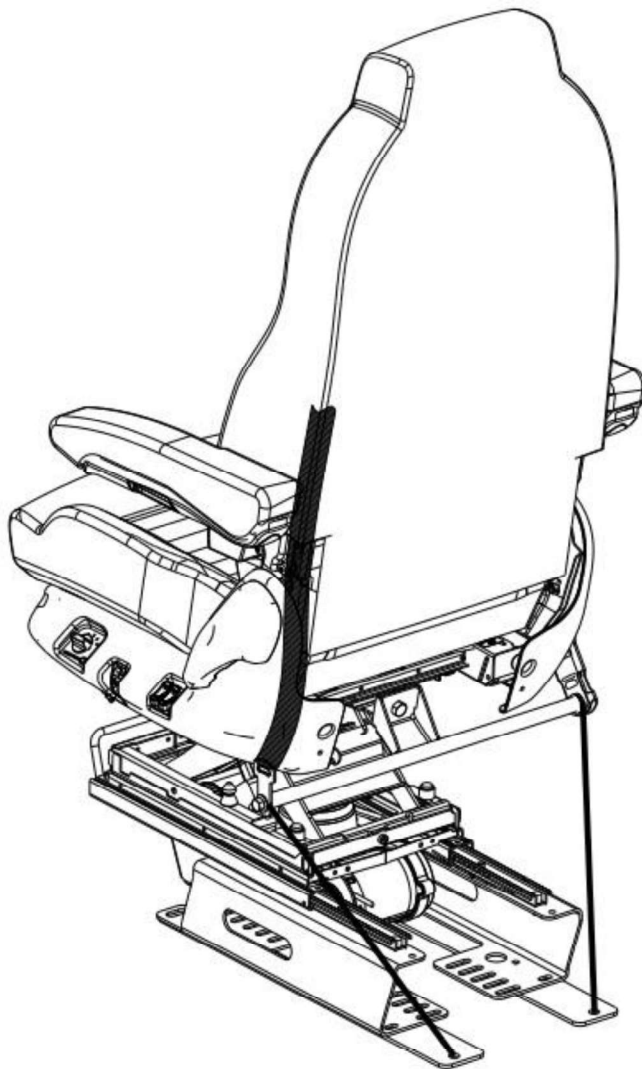
Figure #5: Fuse Tap Drawing

WIRING HARNESS VISUAL AID DIAGRAM



STEADYRIDE 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. There is no tether anchors so you will want to attach the tethers in-between the risers and bolts as seen below.
3. Securely fasten the tethers to the ICP bar using the two included 7/16 long bolts as seen in Figure #6.



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 #6: Peterbilt or Kenworth 2.1-meter Tether Installation

4. You must use the buckle from the old seat and put it on the ICP bar on the new seat. The location for the buckle can be found here below in figure #7 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 #7 . Remove cover shown to remove



5. You must remove the webbing anchor from the old seat and attach it to the the ICP bar on the new seat, left side for drivers and right side for passengers. See Figure #8. The mounting bolt is accessed by raising the recline adjustment handle. Tightly secure using the M12 bolt from the previous seat.

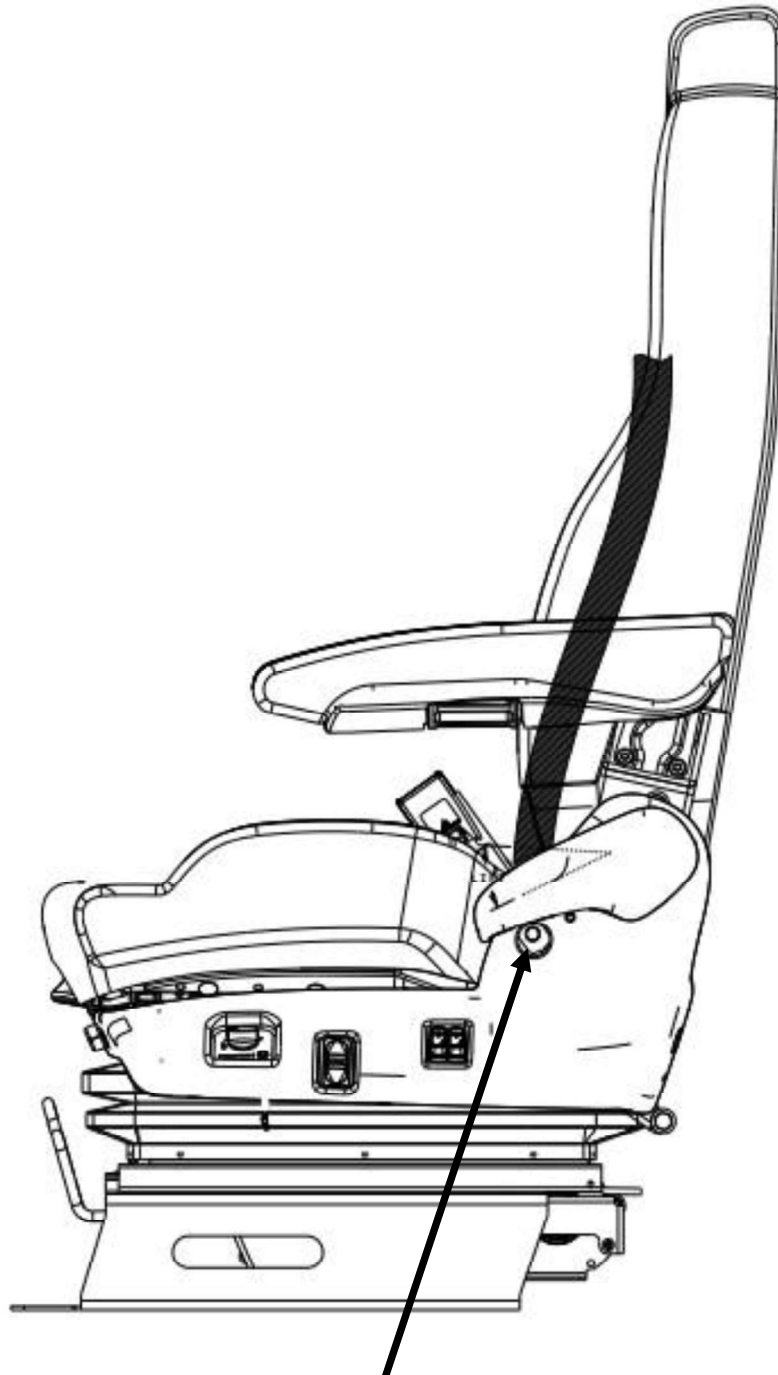


Figure #8: Anchor point for 2.1m cabs (access under recliner handle)

6. After the belt and anchor are moved to the ICP bar it should look like figure #9 below.

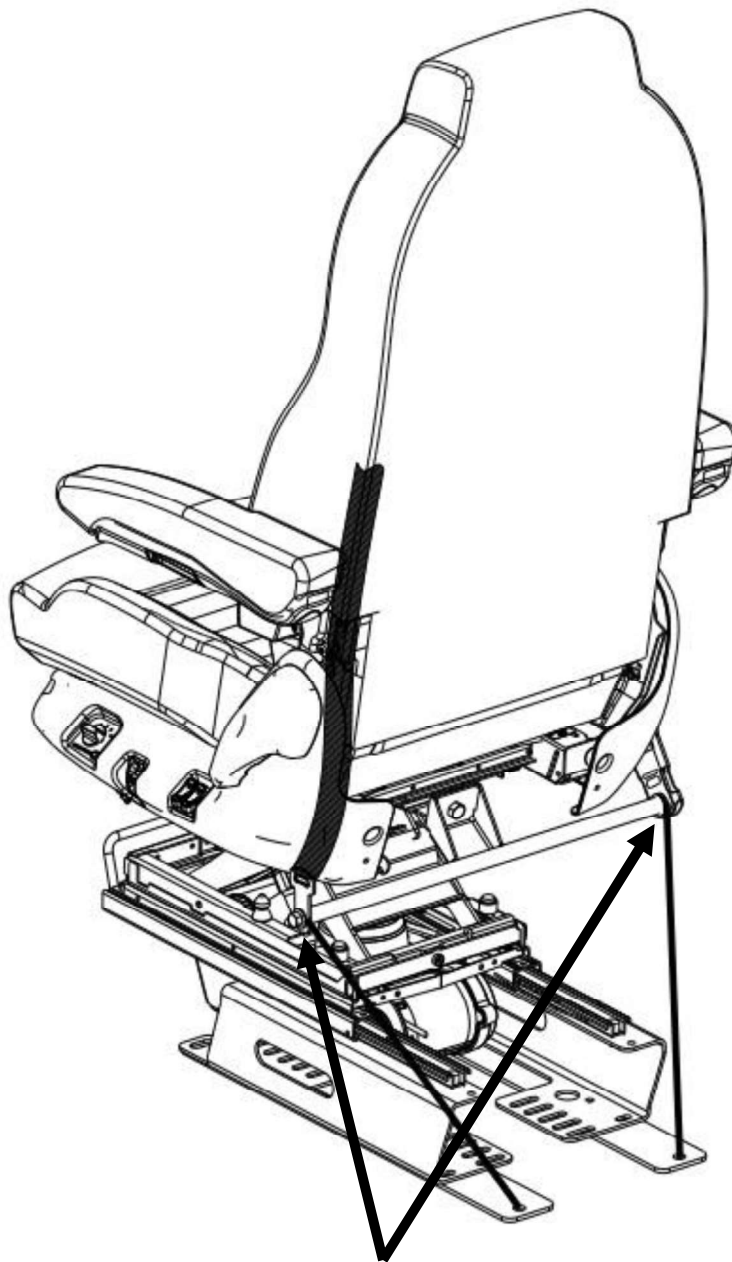


Figure #9: Anchor and Belt on ICP bar

7. 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 #10. 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. You can now move to the Seat Hook Up Section.

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

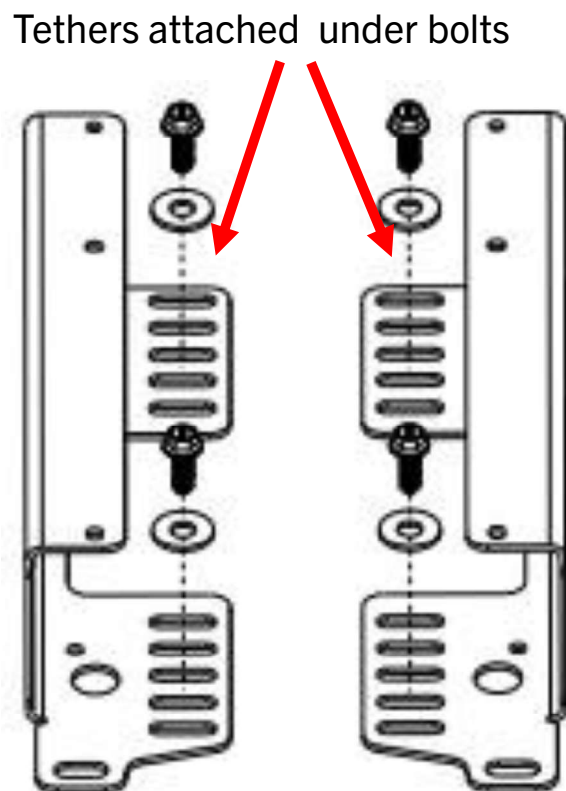


Figure #10: Bolting risers to cab.

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

STEADYRIDE INSTALLATION STEPS NON 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. Replace your old tethers with the included adjustable tethers and bolts. 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. Continued on next page.

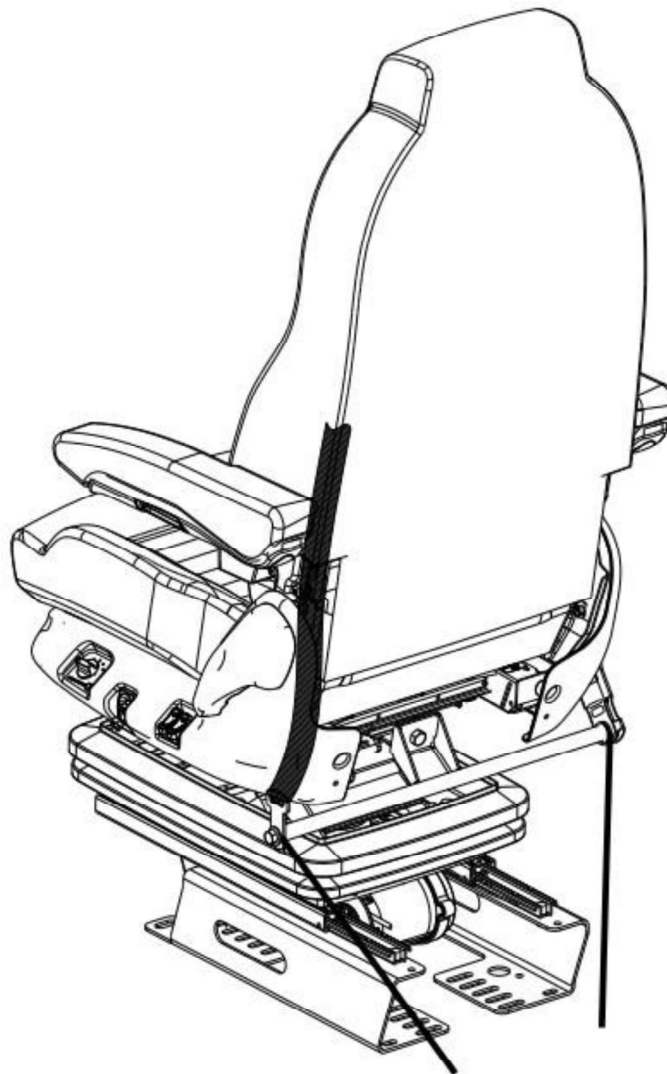


Figure #11: Regular Tether
Installation length check

2 Cont. Attach existing belt buckle and the new 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 #12. Securely fasten the tether and buckle to the ICP bar using one of the two included 7/16 long bolts.



Figure #12: 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 #13. Securely fasten the belt anchor and tether to the ICP bar using the remaining 7/16 long bolt.

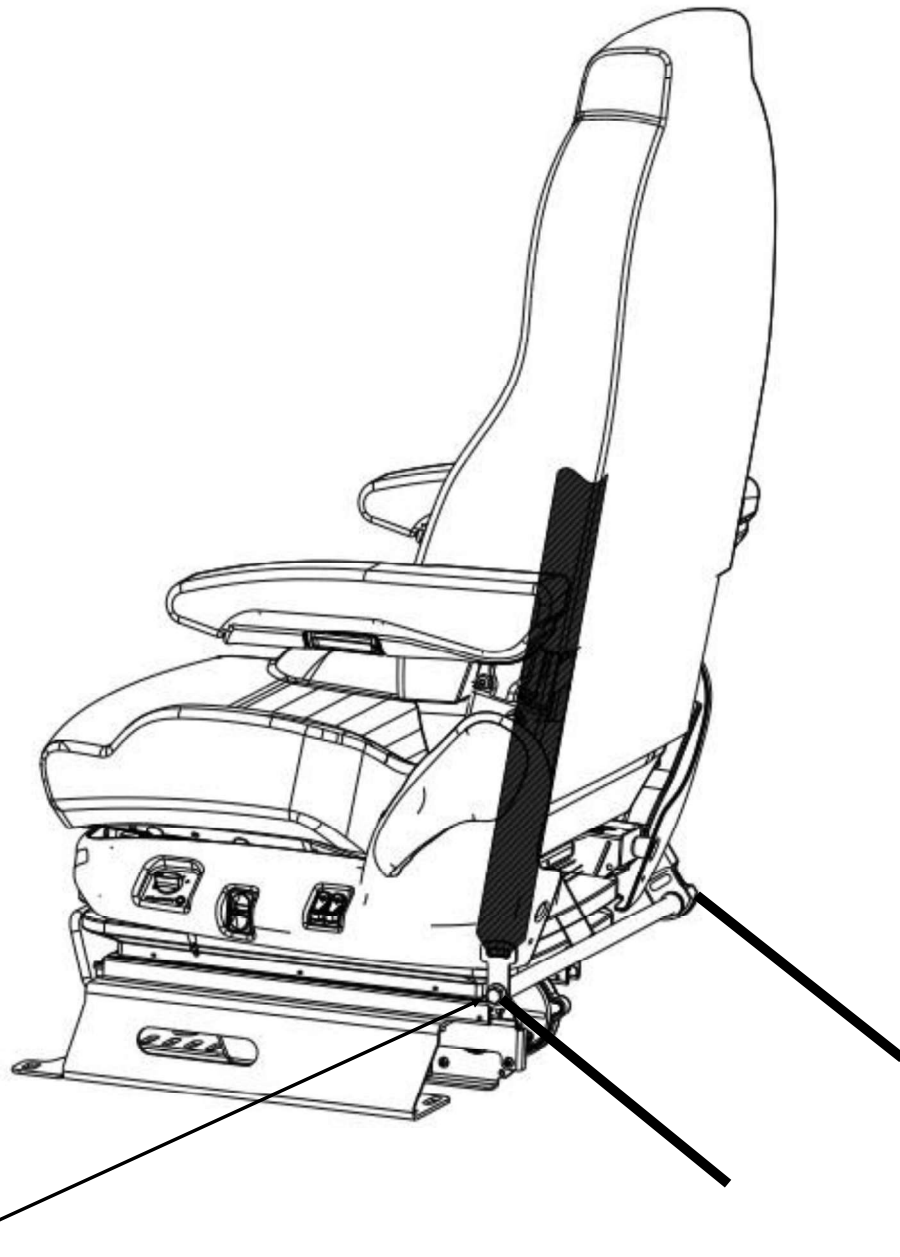


Figure #13: Attachment of the lap belt anchor to the ICP bar.

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.

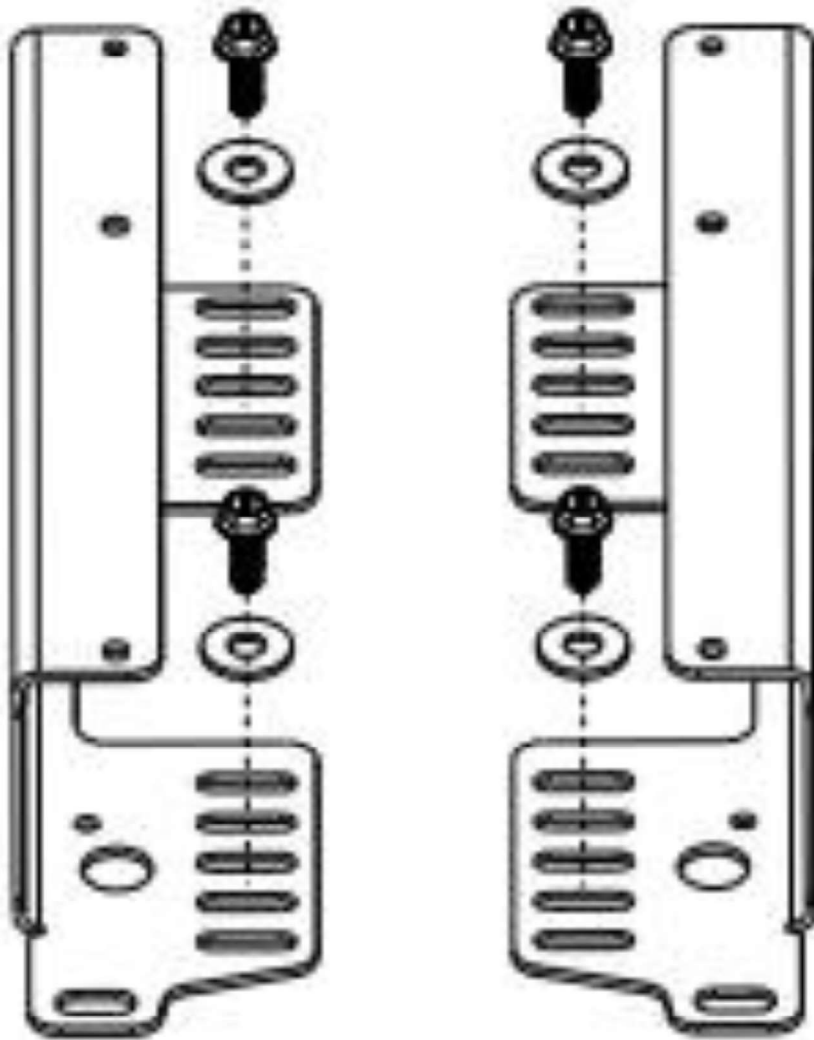


Figure #14: Bolting risers to cab.

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

STEADYRIDE 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.

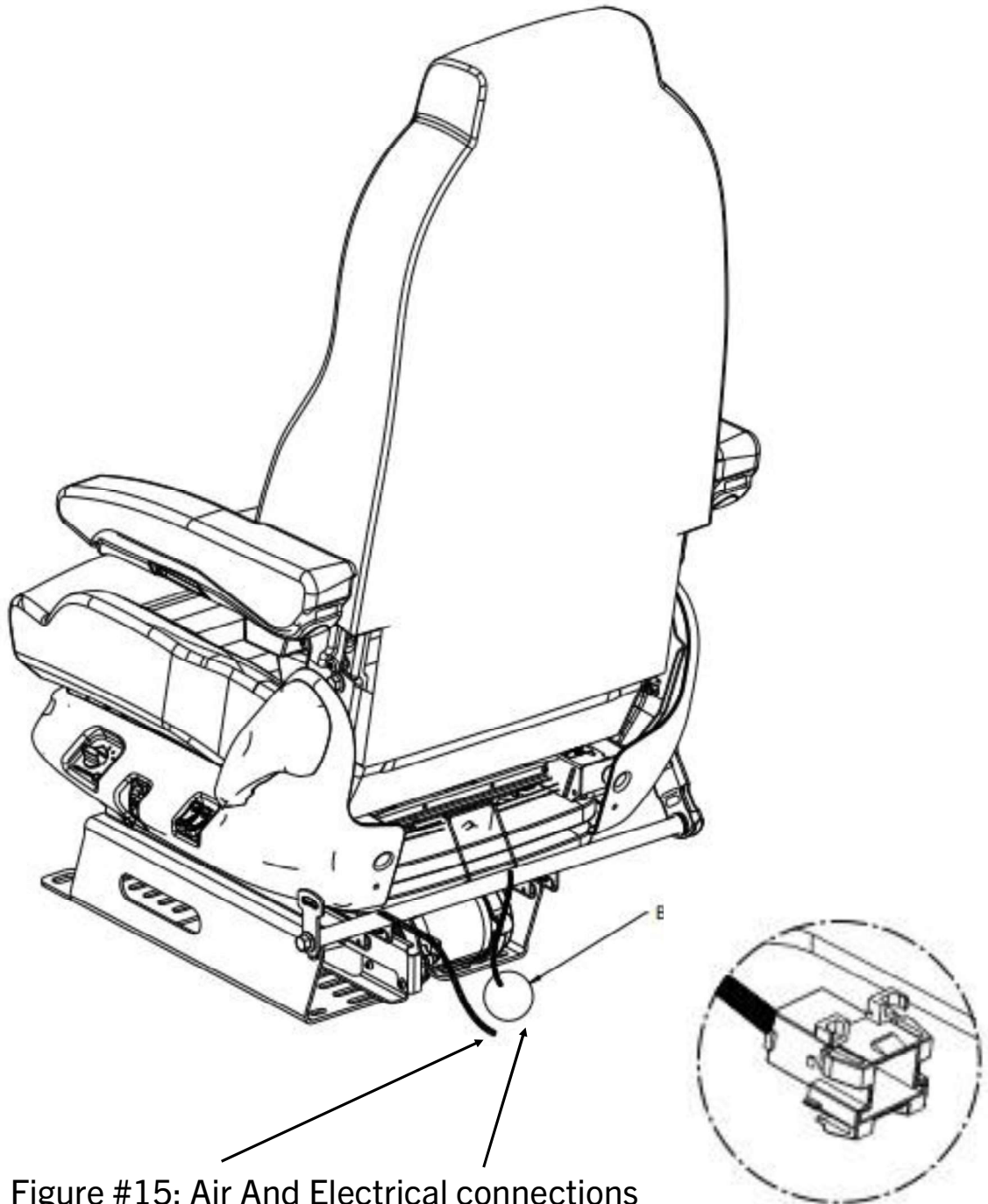


Figure #15: Air And Electrical connections

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 10-20 A ignition tied slot in the fuse panel. (This will not void your warranty)

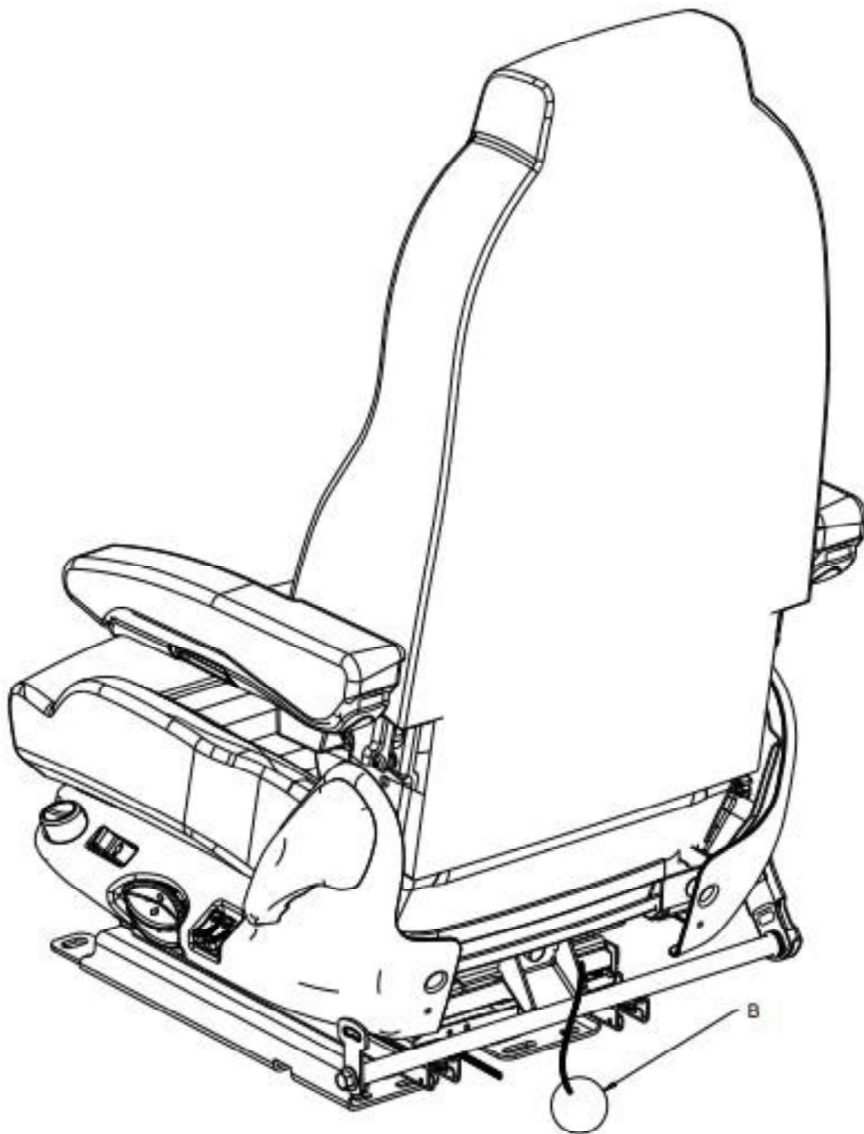
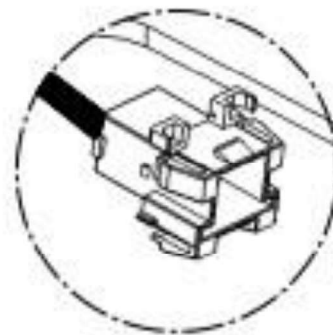


Figure #16: Electrical Connection

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.

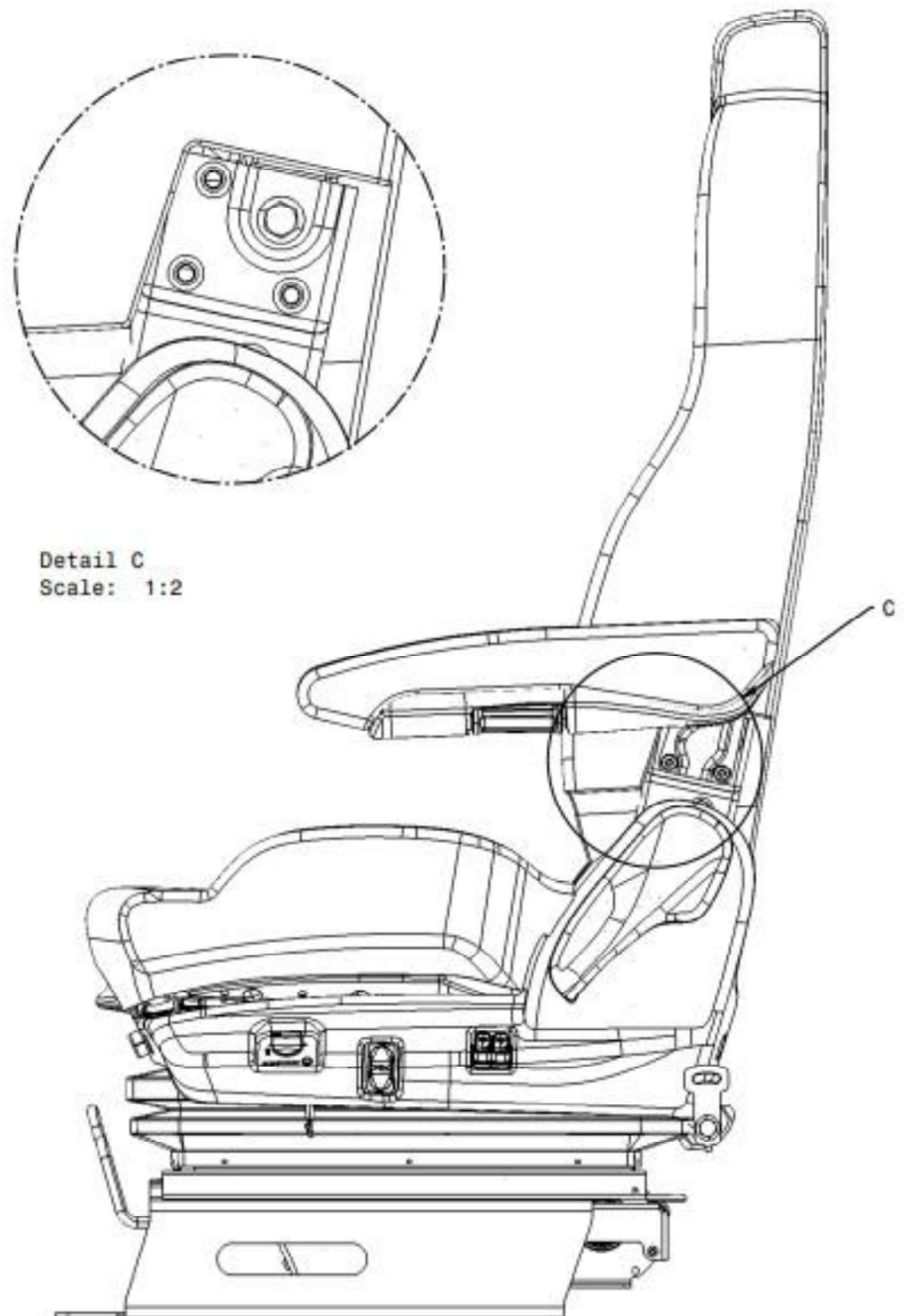
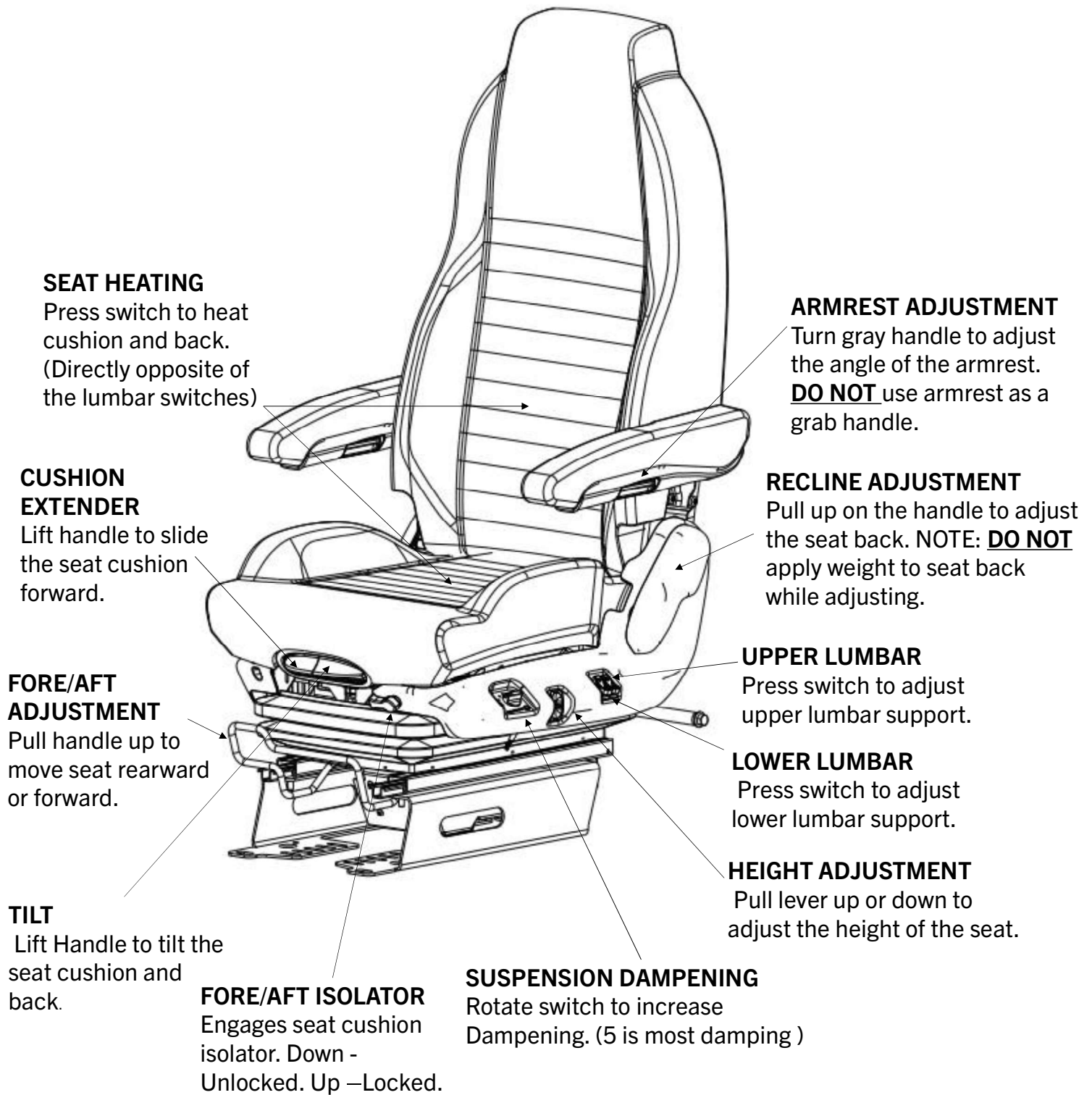
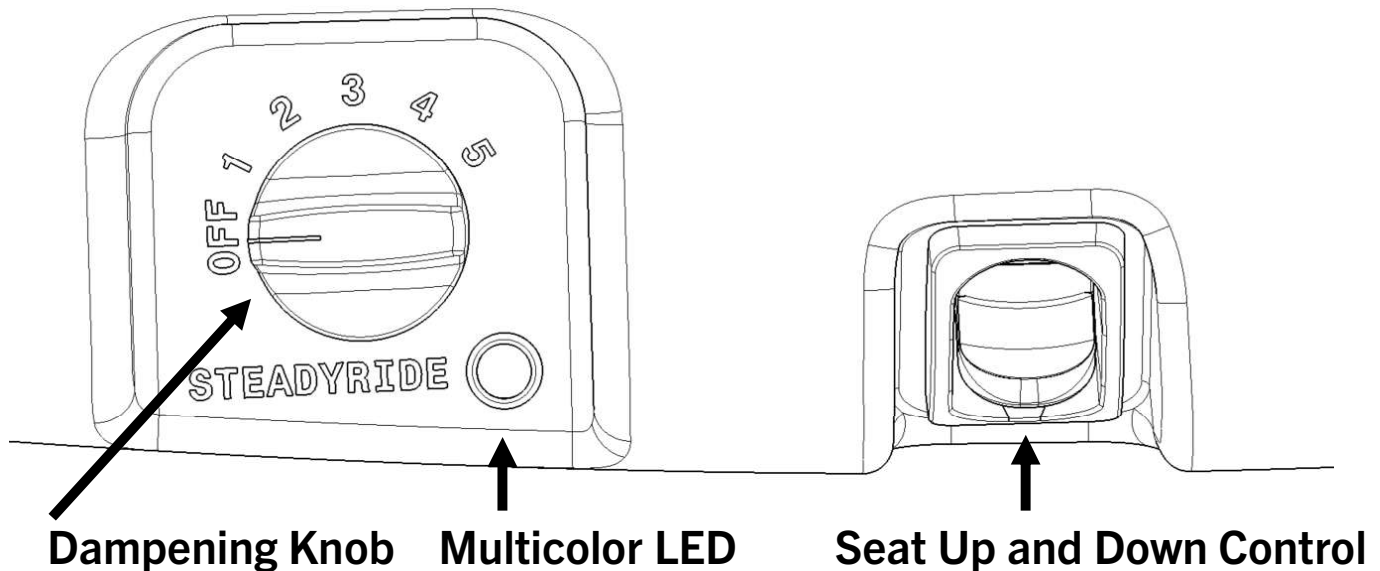


Figure #17:
Armrest mount locations

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



STEADYRIDE USAGE GUIDE



Dampening Knob: This is the driver's way of interacting with the Steady Ride System. "Off" puts the system into standby mode while "5" is full dampening. The other 4 settings allow for variable dampening based on the driver's preference.

Multicolor LED: This LED gives the driver feedback on how the Steady ride is operating. See next page for descriptions of color meaning.

Seat Up and Down Control: Aids the seat up and down according to the driver's preference. For optimal performance it is recommended to set the height of the seat near the middle of the adjustable range. This gives the steady ride the most amount of space between the end-stops of the suspension.

NOTE: THE SYSTEM WILL NOT WORK IF SEAT IS NEAR THE TOP OR BOTTOM ENDSTOPS.

STEADYRIDE USAGE GUIDE CONT.

LED CODES

Green Solid: The unit on and working

Green flashing: standby mode (Unit is off and ready to be turned on)

Red and green flashing: Warning, The seat is too close to the end stops. (adjust the seat up or down toward the middle of the height range until the LED turns green.)

Red solid: There is a fault with the system. (the seat must be reset by turning the truck off then back on)

Contents of Installation Kit

QTY	Electronics Install Kit
1	In line fuse holder - red
2	Fuse, 30A standard
2	Fuse, 2A mini
3	Ring crimp, 3/8"
2	Butt splice, 10-12 AWG
1	Grommet, 1/2" ID, for 13/16" panel cutout (PN 747 Keystone Electronics)
1	Fuse tap, 15A
6	Heat shrink tubing (1 inch pieces)
1	Wire Harness ARS Power Supply
1	Wire Harness ARS vehicle communication
1	Adjustable tether set

Maintenance Schedule

Apply sector gear grease every 3 months

Step 1: Take the cushion off the seat. (See the GRAMAG website service tab for instructions and instructional video.)

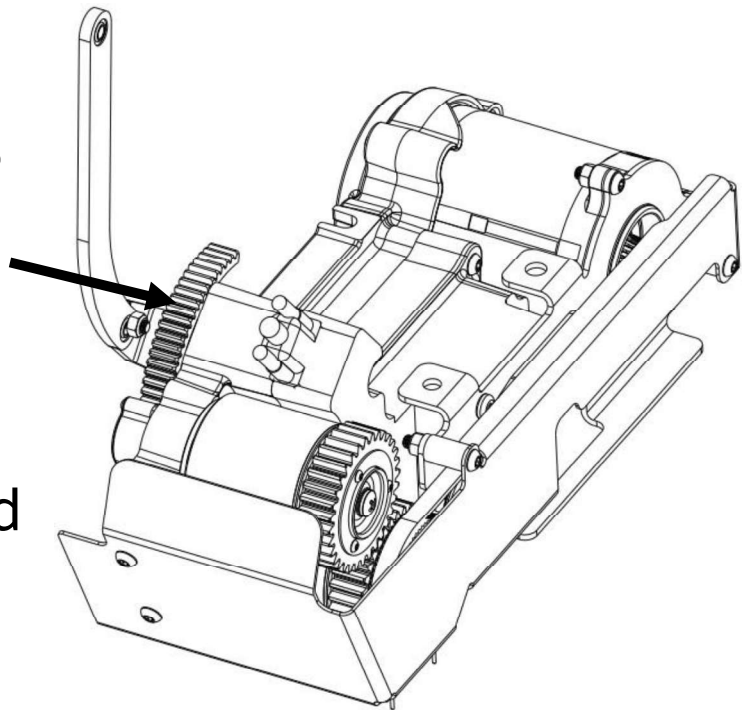
Step 2: Air seat up until the seat hits the top end stop.

Step 3: Apply approx. 15 grams of OG-700 grease to sector gear. (NOT SPRAY VERSION)

Step 4: Move seat up and down between the end stops to ensure grease reaches all gear teeth.

Step 5: Reattach cushion to seat. (Instructional video on website)

Step 6: Ensure seat is functioning as normal before continuing road use.



NOTE: If a clicking noise is being heard coming from your SRS seat, It is recommended to add grease to the sector gear even if it has not been 3 months since last application. If clicking persists, repeat steps 2-6.

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