



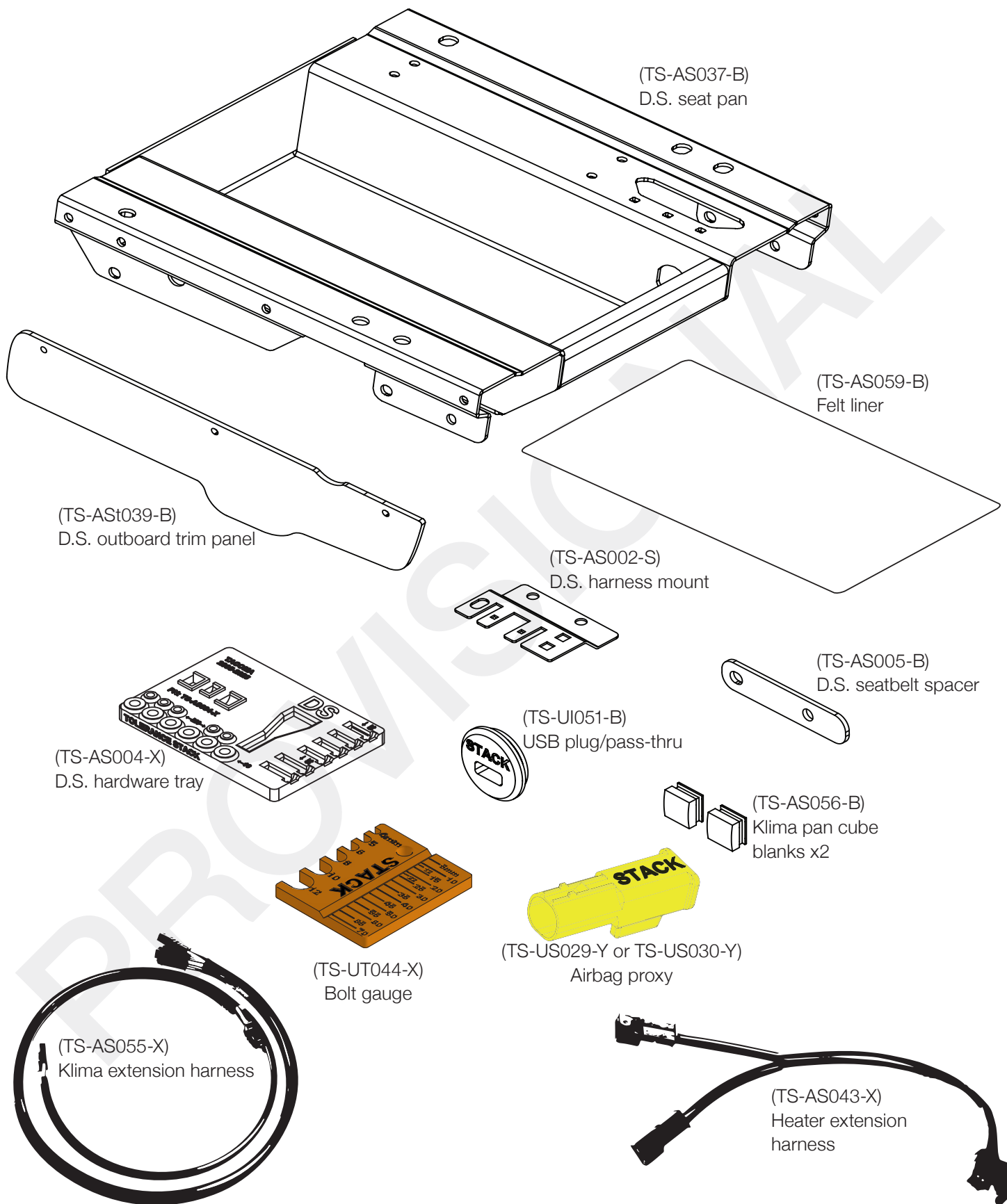
INSTALLATION INSTRUCTIONS

scheel-mann

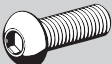









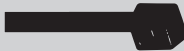


THE KLIMA VARIO F/XXL DRIVER SEAT KIT TSK-A008

2ND/3RD GENERATION TOYOTA TACOMA 2005-2023

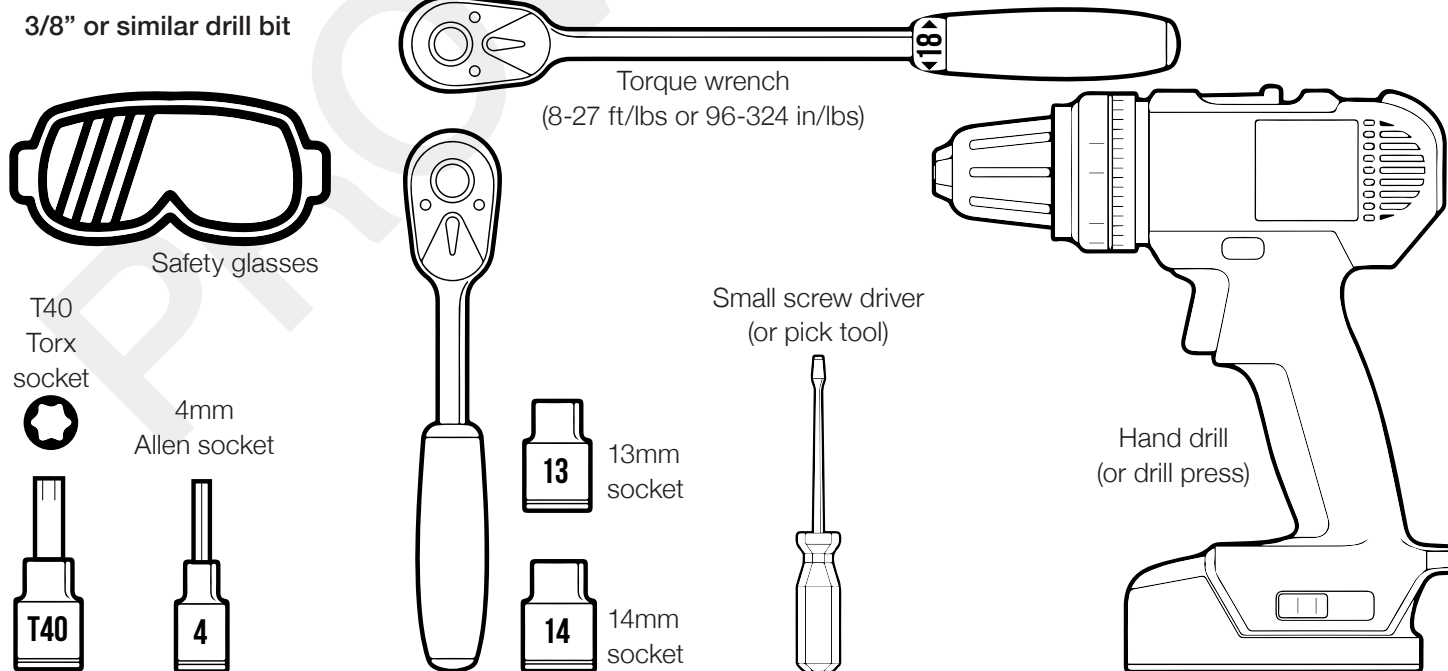
DRIVER SEAT KIT TSK-A008 COMPONENTS



DRIVER SEAT HARDWARE TRAY COMPONENTS

QTY	IMAGE	LOCATION/ITEM	DESCRIPTION/SIZE
2		Seat belt bracket	M8 x 1.25 x 25mm
4		Seat pan to rail	M8 x 1.25 x 20mm
6		Seat to pan	Flange M8 x 1.25 x 16mm
3		*Various	M8 nut
9		*Various	M8 washer
3		Side panel (black)	M6 x 1.0 x 16mm
3		Side panel (black)	M6
2		Harness Bracket	M6 x 1.0 x 10mm
2		Harness Bracket	M6
1		Medium Locktite 243	0.02 fl oz. Blue
8		Zip ties	6" x 1/8"
1		Shorty hex socket	5mm
1		Ball-end hex socket	5mm

REQUIRED TOOLS



DRIVER SEAT REMOVAL

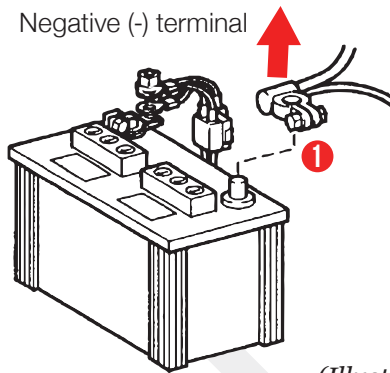
❑ Disconnect the battery first **1**. Battery MUST ALWAYS be disconnected anytime the SRS airbag system is being interacted with. Wait at least 90 seconds before proceeding. (See illustration #1)

❑ Remove the seat foot covers **2** and seat mounting bolts **3**. (See illustration #2)

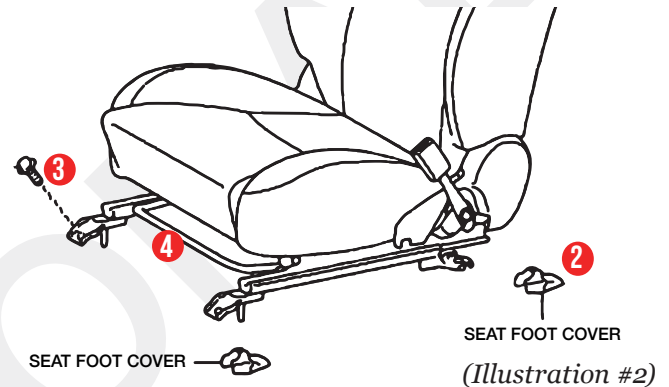
❑ Tip the seat back and unplug the wire harness connectors coming from the floor to the seat.

❑ Remove seat from vehicle. Best to have two people to do this to prevent the seat rails/feet from scratching the vehicle. *Note: It is helpful to remove the headrest before removing the factory seat.*

❑ If your truck has no factory heated seats, install scheel-mann supplied harness into truck (see scheel-mann installation instructions that come with your seat). *Note: Leave enough harness to match factory floor harness length.*



(Illustration #1)



(Illustration #2)

DRIVER SEAT DISASSEMBLY

❑ Remove the factory sliding rail handle **4** from the front of the rails by prying the springs away at the rear and pulling the handle forward. (See illustration #2)

❑ Remove plastic side trim by removing the screws and clips. *Note: Carefully remove harness connectors from their mounts using a small screwdriver or pick tool to pry up the locking tabs. Access the T40 Torx rail bolts by removing or cutting the upholstery from the lower edge of the seat.*

❑ Remove all T40 Torx bolts from factory side rails.

❑ Remove any clips retaining the wires to the old seats.

❑ Drill out the two spot welds -on each rail- that hold the front add-on brackets to the sliding rails (noted by red arrows to the right).

(See QR code to video on the right)

Note: Each rail has a small circular indentation over the center of the two spot welds. This is best done with a drill press but can be done with a hand drill. Be sure to block the rail up so that it is secure. It will make drilling easier if you use a Dremel with a cut off wheel and cut an X over all of the spot welds. Once the brackets are off, remove any remaining burrs so that the sliding rail surface is flat. Drilling all the way through is not required but also not harmful. You only need to drill enough for the small bracket to come off.



NOTE: a 3/8" bit is recommend. Use safety goggles.

The parts that will be reused are the left and right side sliding rail assemblies, the sliding rail release handle, and the seatbelt assembly, bracket and wire harnesses.

Do not throw any parts away until the install is complete.

❑ **Contact your local authorities about proper airbag disposal.**

<https://www.epa.gov/hw/frequent-questions-about-regulation-airbag-waste>

DRIVER SEAT INSTALL



❑ Remove the Klima and heat harness from the scheel-mann seat.

Note: the relay is secured with a hog ring, that needs to be removed. The upper fan connector is on the bottom of the seatback behind the Velcro strip.

❑ Install Klima extension harness. Begin with the connector in the seat back and be sure to route the harness to the seat bottom the same way as the harness you just removed.

Note: make sure you are using the harness with three-wires per connector.

❑ Move the seat bottom all the way forward before zip-tying the harness to the bottom of the seat. The Klima harness needs to be routed from the left side of the seat over to the right side near where the seat heater connectors are.

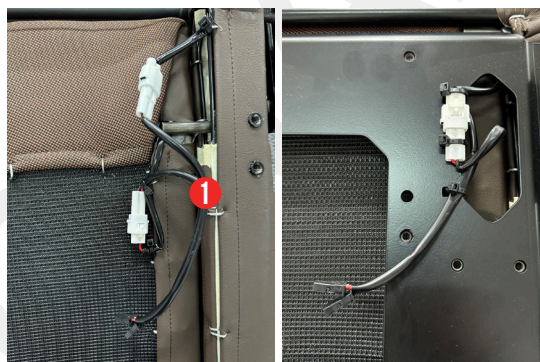
❑ Plug the supplied heater extension harness **1** (or the optional factory seat heater adapter harness) into the two heater connectors on the bottom of the scheel-mann® seat. (See illustration #3)

❑ Using the knob at the front of the seat **2**, move the seat bottom forward and backwards to check for travel of the harnesses and secure the harness to the bottom of the seat with the supplied zip-ties, seat bottom wire to seat bottom, so that there is no pulling or binding. (See illustration #4)

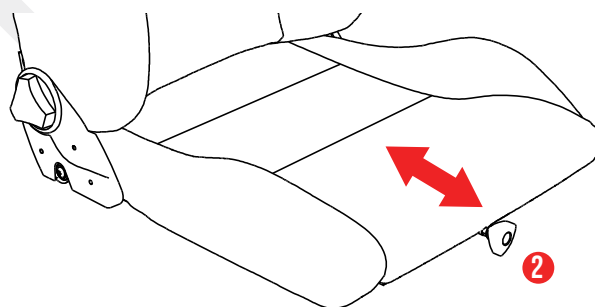
❑ Using (6) M8 x 16 flange bolts **3**, apply a small amount of Loctite® on the threads, attach the Tolerance Stack Klima seat pan **4** to the bottom of the scheel-mann® seat **5**. (See illustration #5)

❑ Using the included 5mm ball and socket tool, torque all these bolts to **18ft-lbs**.

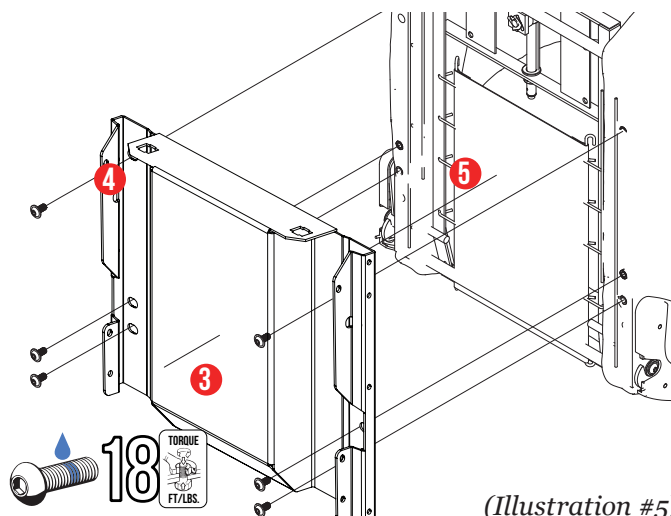
NOTE: as you install the right hand/inboard sliding rail to the seat pan, be sure to route the seat belt wire under the side of the pan and over the low spot in the sliding rail.



(Illustration #3)

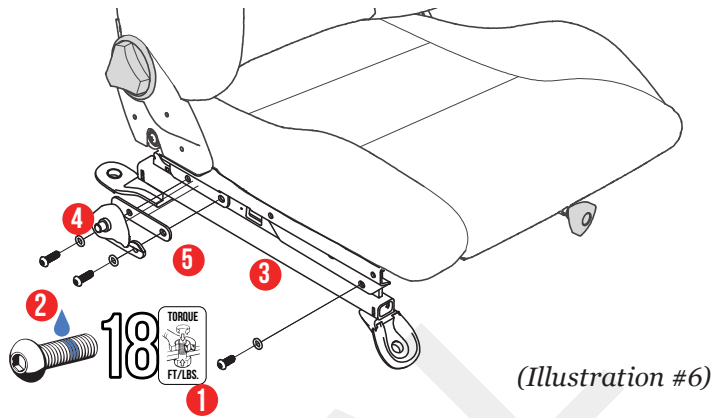


(Illustration #4)



(Illustration #5)

❑ Using (1) M8 x 20 bolt at the front **1** and (2) M8 x 25 bolts **2**, secure the KLIMA seat pan to the inboard sliding rail **3**. The two bolts at the rear will each go through an M8 washer, the seatbelt bracket **4**, the seatbelt spacer **5**, the KLIMA seat pan, and then into the fixed nuts on the sliding rail. The M8 bolt at the front will go through an M8 washer, the seat pan, the sliding rail, another M8 washer, and then into the supplied M8 nut.

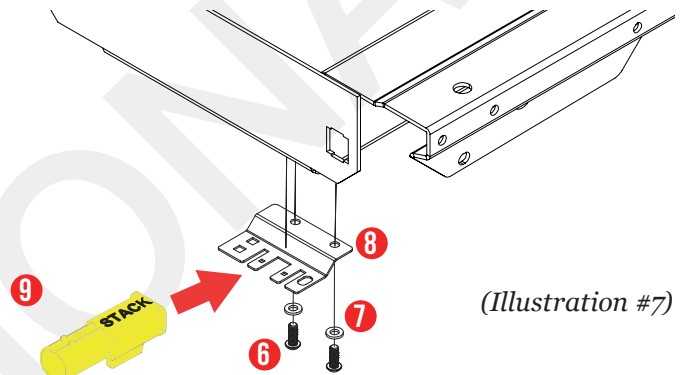


❑ Place a small amount of Loctite® on the bolt threads and torque to **18ft-lbs**.

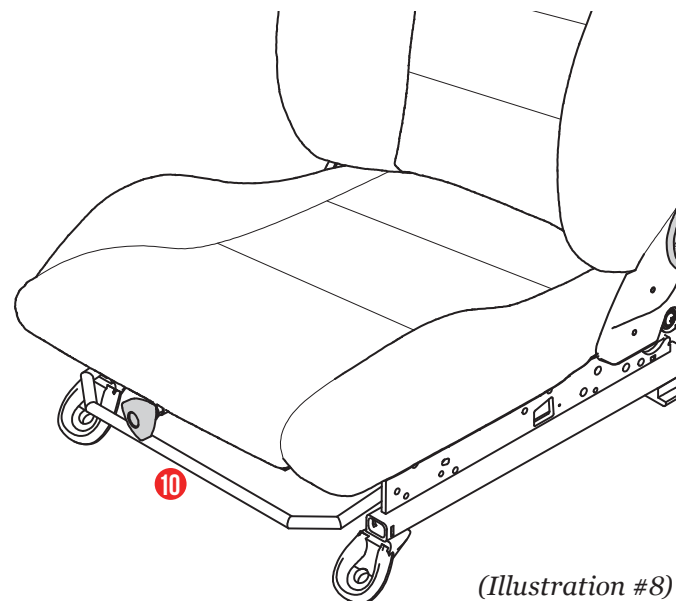
❑ Repeat the process with the left hand/outboard sliding rail using (3) M8 x 20 bolts. The two bolts at the rear will go through a washer, the seat pan, and into the fixed nut on the sliding rail. The bolt at the front will go through a washer, the seat pan, sliding rail, another washer, and into the included nut.

❑ All bolts will get a small amount of Loctite® on the threads and get torqued to **18ft-lbs**.

❑ Using (2) M6 x 10mm bolts **6** and (2) M6 washers **7**, mount the harness bracket **8** to the pan and mount seat harnesses and airbag proxy **9** to the bracket, secure wires away from moving parts using the included zip-ties.



❑ Reinstall the factory sliding rail handle **10** into the sockets from the front of the seat.



SEAT HEATER/COOLING

❑ If your truck didn't come with factory heated seats you will route the extension harness from the seat down to the rest of the OEM Toyota seat harness from the floor and secure with a zip tie so it is accessible from the bottom of the seat.

Note: This should be done with the seat bottom ① adjusted all the way to the rear to prevent the seat pulling on the harness. (See Illustration #9, next page)

❑ If your truck has OEM Toyota heated seats AND you ordered the optional adapter harness kit (TS-A003), mount the heater harness bracket to the pan. Using included hardware, mount the adapter harness to the bracket and route wires to the seat heater harness.

(See illustration #10)

Note: You will need to reuse the small black computer that is mounted under your factory seat. It will plug into the new harness included in this kit. Make sure the seat bottom is in its rear most position before mounting the harness to the seat pan.

❑ Install the scheel-mann Klima and heater harness into your truck. Only the Klima harness needed if you have factory heated seats. The switches need to be installed into the center console or lower dash. Power supply needs to come from a switched power source. This prevents running the battery down. Make sure the power supply is capable of supplying at least 10A.

Note: a switch extension harness is available from scheel-mann for locating the switches farther from the seat. Make sure you leave enough harness under the seat to match the length of the factory floor harness.

❑ Install the new KLIMA seat into the truck, using two people, by placing it in its location, connecting the wire harnesses from the floor to the seat, and reinstall the four mounting bolts into the floor.

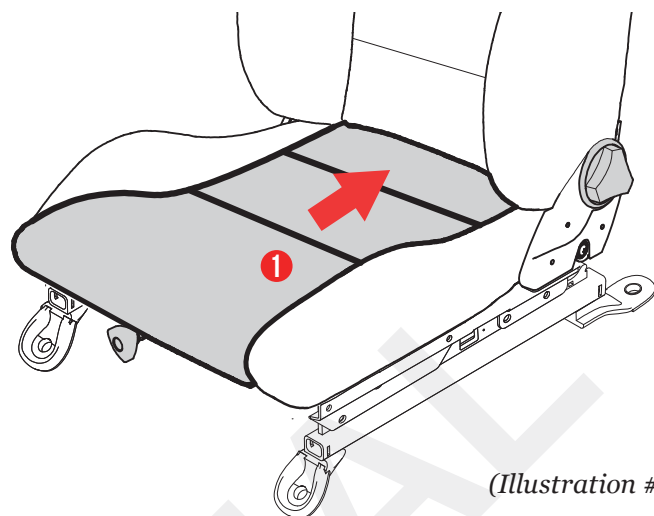
❑ Torque the bolts ② to 27ft-lbs .

❑ Reattach the plastic seat foot cover ③.

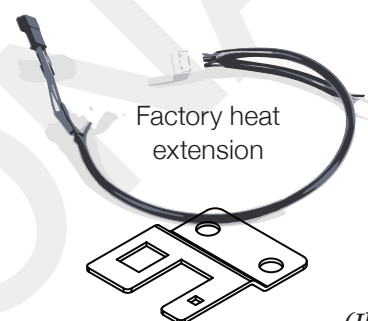
Note: Plastic feet may need to be modified. (See illustration #11)

❑ Install side trim panel ④ using (3) black M6x16 bolts and washers.

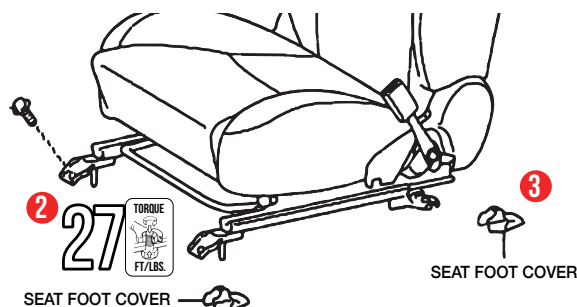
❑ Torque to 8ft-lbs (96in-lbs).
(See Illustration #12)



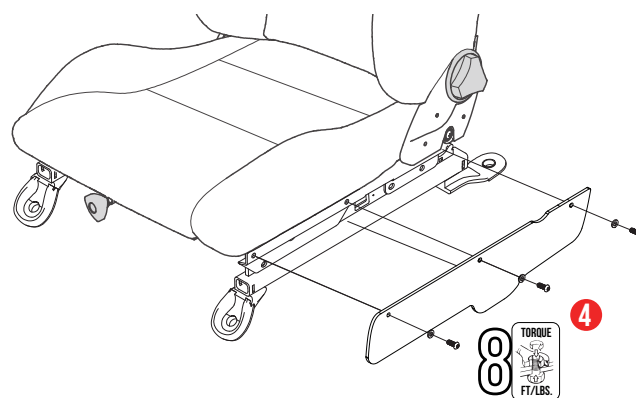
(Illustration #9)



(Illustration #10)



(Illustration #11)



(Illustration #12)

- Once complete reconnect the battery **1** and test all systems and verify there are no system alerts and verify that the seat heaters are functional.
(See Illustration #13)

PAN SWITCHES, USB PLUG, & STORAGE LINER

- Your Klima pan comes with two 3D printed switch blanks **2**. If you wish to utilize these switch spots you only need to remove the blank and supply your own “cube-style” switch of preference and subsequent wiring.

Minimum cut out required for switch: 20.5mm x 20.5mm

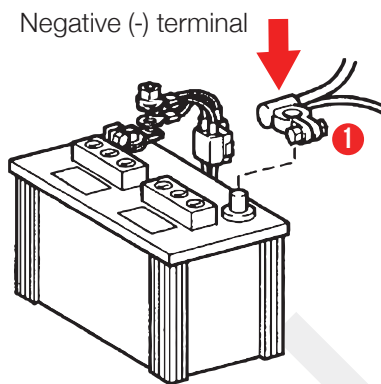
Switch face size: 22.2mm x 22.2mm

Minimum depth required (from face plate): 46mm

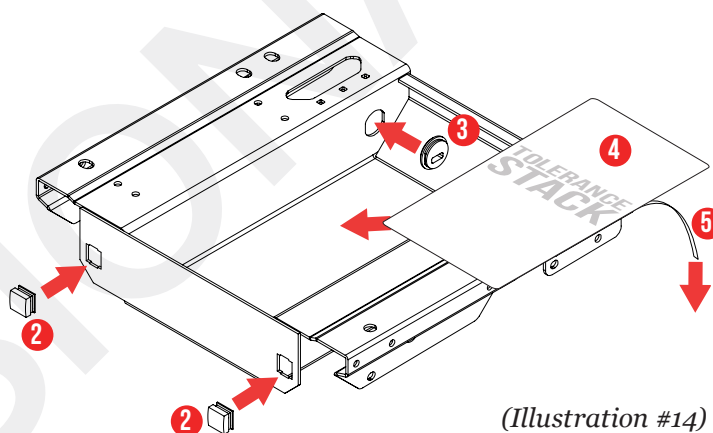
(See Illustration #14)

- Place the USB port/plug **3** into the open hole in the storage pan. If you want to simply run some USB wires thru you can just slide the flat end through. If you want to install a BlueSea port/plug then you would remove this plug.

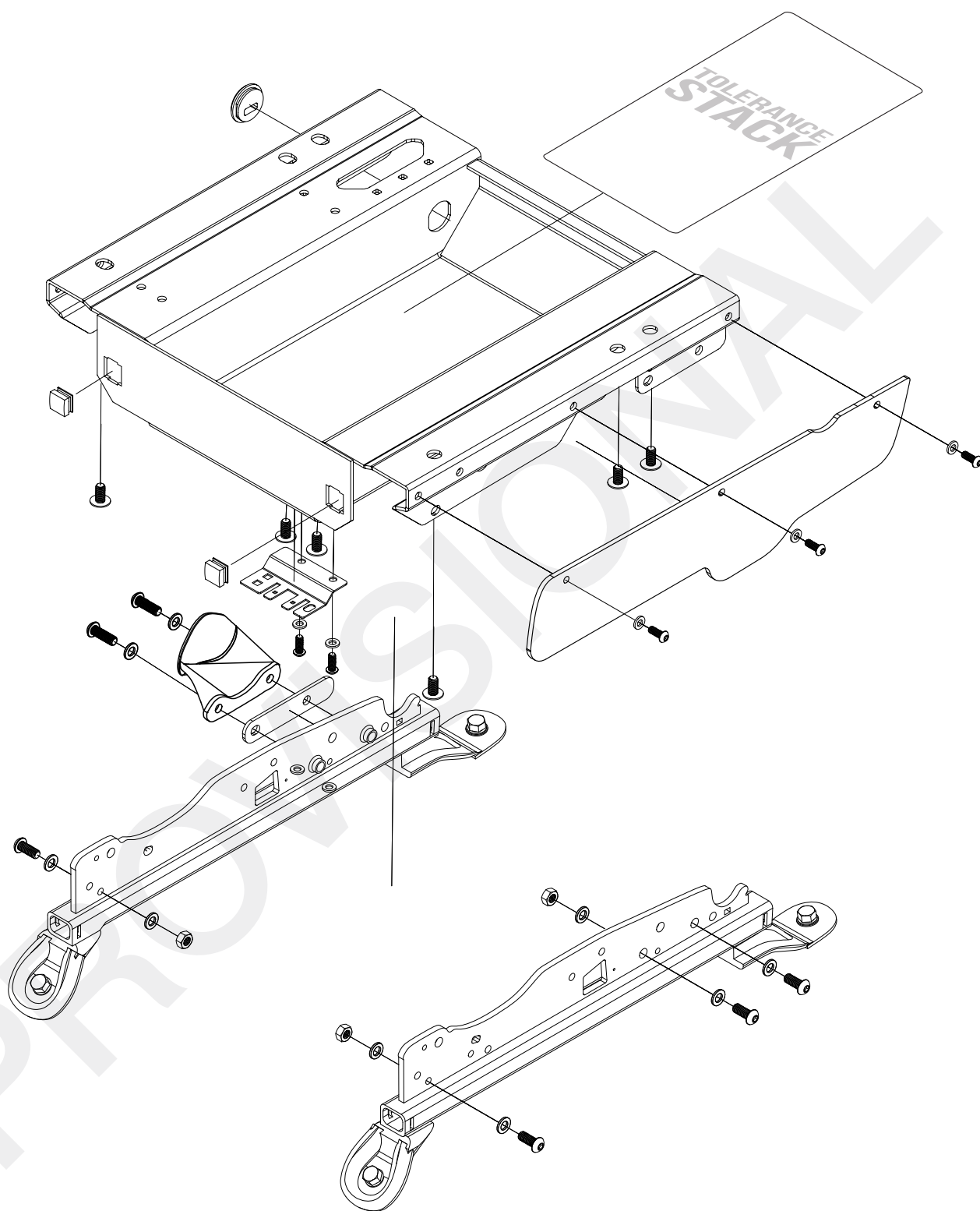
- Once all wiring is done and zip-tied, you can then apply the felt liner **4** by removing the strips of plastic **5** that cover the adhesive strips before aligning the liner into the storage bottom. The felt liner will help keep the storage tray quiet and prevent scratching the powder coat from the storage bottom.

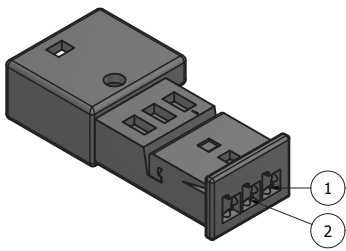


(Illustration #13)

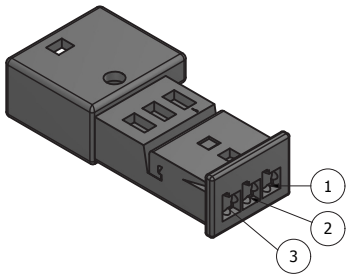
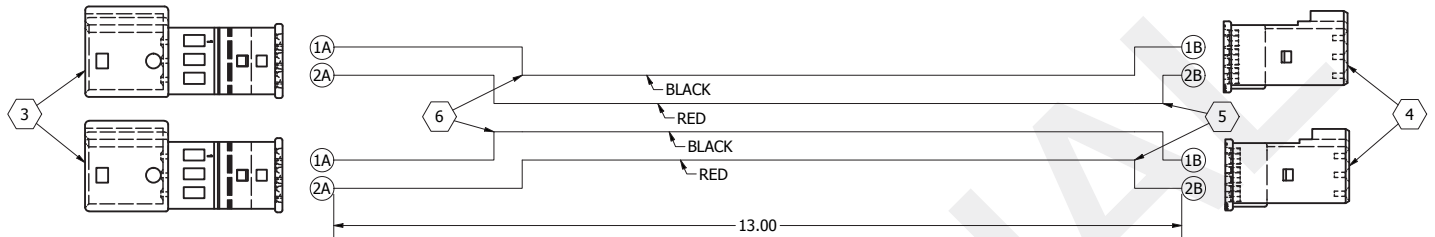
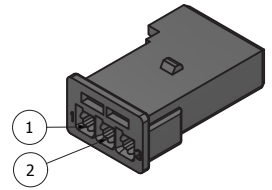


(Illustration #14)

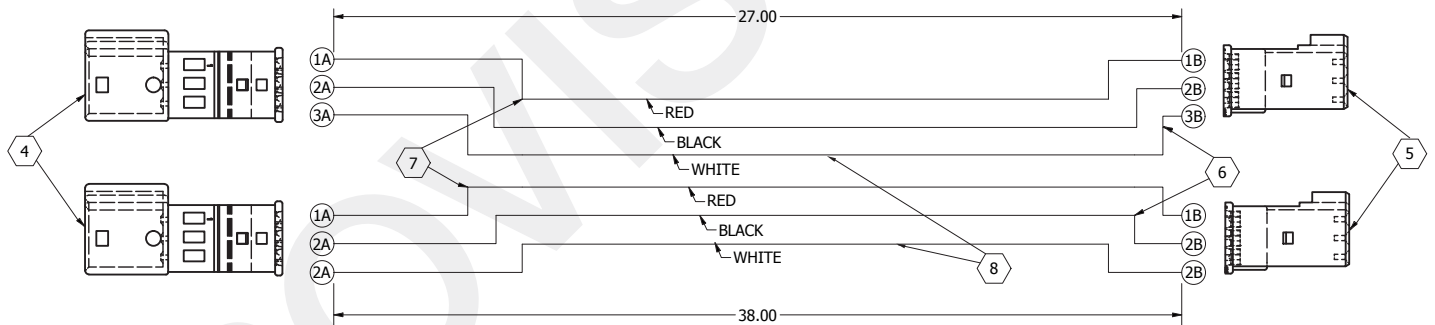
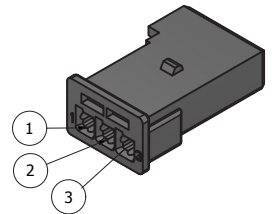




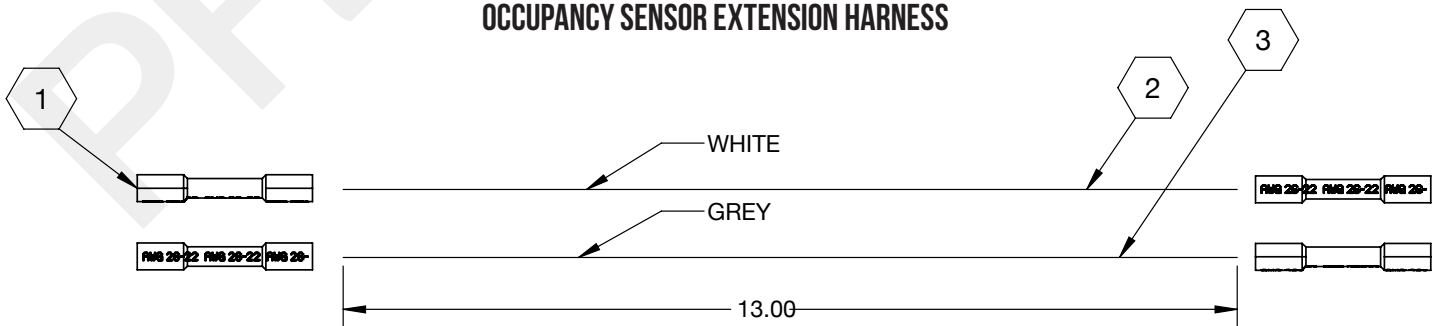
HEATER EXTENSION HARNESS



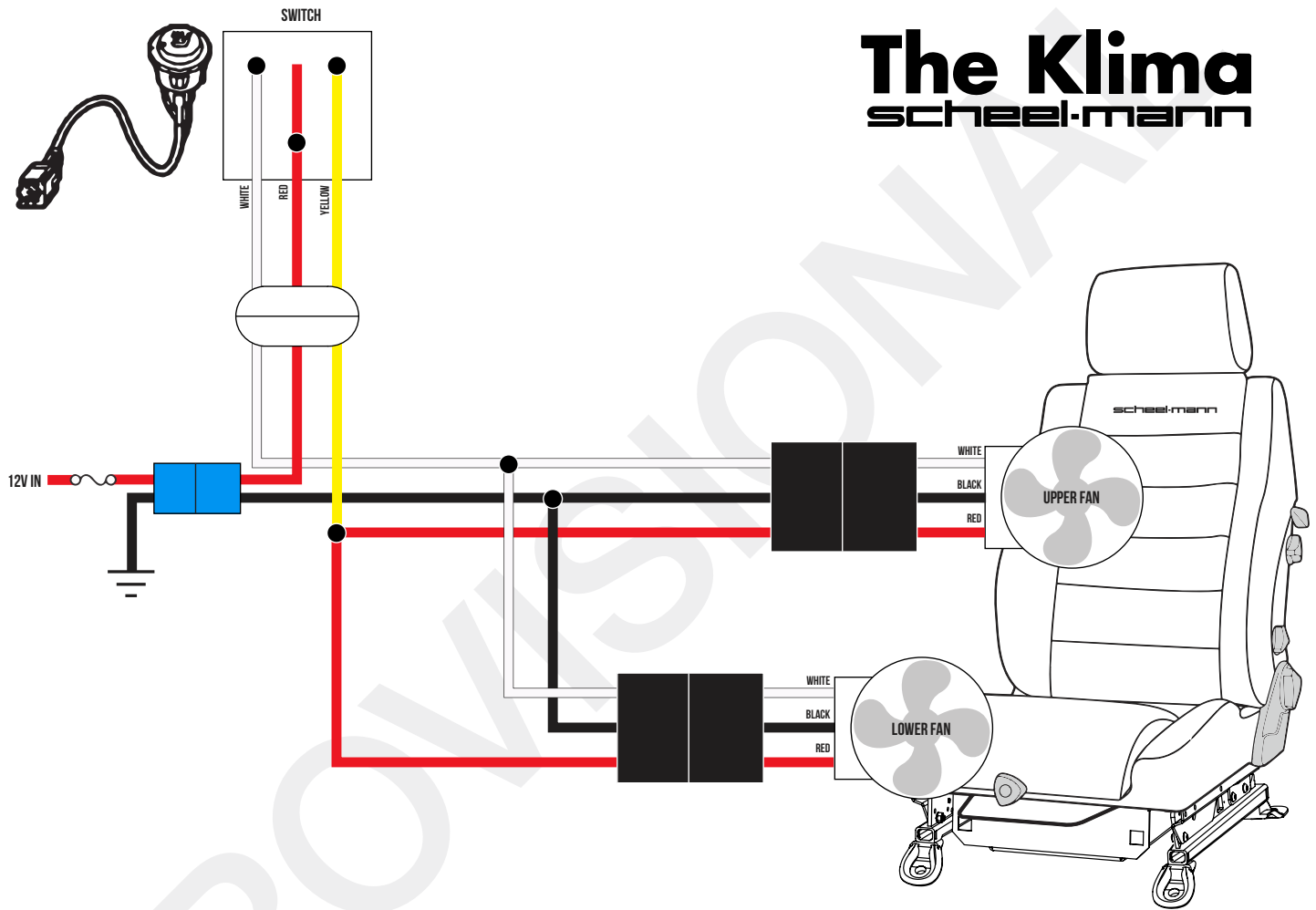
KLIMA EXTENSION HARNESS



OCCUPANCY SENSOR EXTENSION HARNESS



THE KLIMA WIRING DIAGRAM



The Klima
scheel-mann

Contact your local authorities about proper airbag disposal:

<https://www.epa.gov/hw/frequent-questions-about-regulation-airbag-waste>

By purchasing this product, the buyer acknowledges and agrees that the use of the product is at their own risk. Tolerance Stack shall not be held liable for any damages, whether direct or indirect, arising from the use of this product. This includes, but is not limited to, any injury, loss, or damage resulting from incorrect use or misuse of the product.

The purchaser is responsible for thoroughly reading and understanding all instructions, warnings, calibrations, and usage guidelines provided with the product. Installation should be performed by a qualified professional. The calibration of the SRS system must be ensured for proper operation. Tolerance Stack makes no warranties, either expressed or implied, regarding the merchantability or fitness of the product for any particular purpose.

By completing the purchase, the buyer acknowledges and agrees to these terms.

scheel-mann® and Loctite® are
both registered trademarks for their
corresponding company

HOLD HARMLESS AGREEMENT

This HOLD HARMLESS AGREEMENT (the "Agreement") is made as of 09/13/2024 (the "Effective Date") by and between Tolerance Stack (the "Indemnitee"), and the Purchaser/Installer (the "Indemnifier"). The Indemnitee and Indemnifier may be referred to individually as the "Party", or collectively, the "Parties".

RECITALS

WHEREAS, the Indemnifier desires to hold harmless and indemnify the Indemnitee from all liabilities, losses, claims, judgments, suits, fines, penalties, demands or expenses that may result from the indemnitee's participation in the activity defined in section 1.07; and

WHEREAS, Indemnitee desires indemnity against all liabilities, losses, claims, judgments, suits, fines, penalties, demands or expenses that may result from the Indemnitee's participation in the activity defined in section 1.07.

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

SECTION 1: DEFINITIONS AND INTERPRETATIONS

- 1.01 Words in the singular shall include the plural and vice versa.
- 1.02 A reference to one gender shall include a reference to the other genders.
- 1.03 A reference to writing or written includes e-mail.
- 1.04 Any obligation in this Agreement on a Party not to do something includes an obligation not to agree or allow that thing to be done.
- 1.05 Any phrase introduced by the terms "including", "include", "in particular" or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms
- 1.06 References to sections or clauses are to the sections or clauses of this Agreement.
- 1.07 "Activity" shall mean: Seat Bracket Installation.
- 1.08 Indemnitee's Participation: The Indemnitee's involvement in the Activity, including but not limited to planning, supervision, and/or attendance.

SECTION 2: INDEMNIFICATION

2.01 **Indemnification:** To the fullest extent permitted by applicable law, the Indemnifier will hold harmless and indemnify the Indemnitee against any and all claims and actions arising out of Indemnitee's participation in the Activity, including, without limitation, expenses, judgments, fines, settlements and other amounts actually and reasonably incurred in connection with any liability, suit, action, loss, or damage arising or resulting from the Indemnitee's participation in the Activity, subject to the limits on indemnification described in section 2.02.

2.02 **Exceptions:** Indemnifier shall not hold harmless and indemnify Indemnitee under the following circumstances:

- (1) against a claim caused by the negligence or fault of the Indemnitee, its agent or employee, or any third

party under the control or supervision of the Indemnitee, other than the Indemnifier or its agents, employees or contractors.

(2) in a civil action, where the Indemnitee did not act in good faith and in a reasonable manner; and

(3) where the actions or conduct of the Indemnitee constituted willful misconduct or the Indemnitee was knowingly fraudulent or deliberately dishonest.

2.03 **Settlement and Consent:** The Indemnitee will not settle any claim or action without first obtaining the written consent of the Indemnifier. The Indemnifier will not be liable for any amounts paid in settlement of any claim or action where written consent was not obtained.

2.04 **Cooperation:** Both Parties agree to cooperate in good faith and provide any and all information necessary for the defense of any claim or action.

2.05 **Sole Negligence:** The Indemnifier shall not be liable for any loss or damage caused solely by the negligence or willful misconduct of the Indemnitee.

2.06 **Good Faith and Reasonable Manner:** The Indemnitee shall be deemed to have acted in good faith and a reasonable manner if it has complied with all applicable laws, regulations, and industry standards.

2.07 **Contributory Negligence:** If the Indemnitee's negligence or willful misconduct contributes to the loss or damage, the Indemnifier's liability shall be reduced in proportion to the Indemnitee's comparative negligence.

SECTION 3: MISCELLANEOUS

3.01 **Representation on Authority of Parties/Signatories:** Each Party signing this Agreement represents and warrants that they are duly authorized and have legal capacity to execute and deliver this Agreement. Each Party represents and warrants to the other that the execution and delivery of the Agreement and the performance of such Party's obligations hereunder have been duly authorized, and that this Agreement is a valid and legal agreement binding on such Party and enforceable in accordance with its terms.

3.02 **Amendment:** This Agreement may only be changed or supplemented by a written amendment, signed by authorized representatives of each Party.

3.03 **Waiver:** The waiver of any breach or violation of any term or condition hereof shall not affect the validity or enforceability of any other term or condition, nor shall it be deemed a waiver of any subsequent breach or violation of the same term or condition. No waiver of any right or remedy under this Agreement shall be effective unless made in writing and executed by the Party so to be charged. The rights and remedies of the Parties to this Agreement are cumulative and not alternative.

3.04 **Entire Agreement:** This Agreement constitutes the entire Agreement between the Parties, replacing all other written and/or previous agreements.

3.05 **Severability:** The Parties acknowledge that this Agreement is reasonable, valid and enforceable. However, if any term, covenant, condition or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, it is the Parties' intent that such provision be changed in scope by the court only to the extent deemed necessary by that court to render the provision reasonable and enforceable and the remainder of the provisions of this Agreement will in no way be affected, impaired or invalidated as a result.

3.06 **Governing Laws:** The validity, construction and performance of this Agreement shall be governed and construed in accordance with the laws of Oregon, without giving effect to any form of conflict of law provisions thereof. The Federal and State courts located in Oregon shall have sole and exclusive jurisdiction over any disputes arising under the terms of this Agreement.

3.07 **Effect of Title and Headings:** The title of the Agreement and the headings of its Sections are included for convenience and shall not affect the meaning of the Agreement or the Section.

3.08 **Attorney's Fees:** If any legal proceeding is brought for the enforcement of this Agreement, or because of an alleged breach, default or misrepresentation in connection with any provision of this Agreement or other dispute concerning this Agreement, the successful or prevailing party shall be entitled to recover reasonable attorney's fees incurred in connection with such legal proceeding. The term "prevailing party" shall mean the party that is entitled to recover its costs in the proceeding under applicable law, or the party designated as such by the court.

3.09 **Successors and Assigns:** This Agreement shall be binding upon and shall inure to the benefit of the Parties, their respective successors and assigns.

3.10 **Interpretation:** The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either Party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply.

3.11 **Counterparts:** This Agreement may be executed in counterparts. Facsimile signatures are binding and are considered to be original signatures.

3.12 **Force Majeure:** Neither party shall be liable for any delay or failure to perform its obligations under this Agreement if such delay or failure is caused by a force majeure event, such as a natural disaster, war, or government action.

3.13 **Notice:** All notices under this Agreement shall be in writing and sent by certified mail, return receipt requested, to the address of the other party as set forth in this Agreement.

3.14 **Dispute Resolution:** Any dispute arising under this Agreement shall first be submitted to mediation in accordance with the rules of the American Arbitration Association. If the dispute is not resolved through mediation, it shall be submitted to binding arbitration in accordance with the rules of the American Arbitration Association.

3.15 **Jurisdiction and Venue:** Any legal proceedings arising under this Agreement shall be brought exclusively in a court of competent jurisdiction located in Jackson County, Oregon.

THE PARTIES HAVE READ, UNDERSTAND and ACCEPT THIS AGREEMENT, and by downloading/viewing this Agreement, all Parties agree to all of the aforementioned terms, conditions and policies.