



LAST UPDATED
July 2019

INSTALLATION MANUAL
Lucca • Milano • Euphoria • Titanika • Malibu

MAIN SEAT COMPONENTS

PRE INSTALLATION RECOMMENDATION

Verify the following information before beginning the installation

COMPARE AND VERIFY 1

-Please compare the layout (previously approved) with physical space and verify conditions of the place.



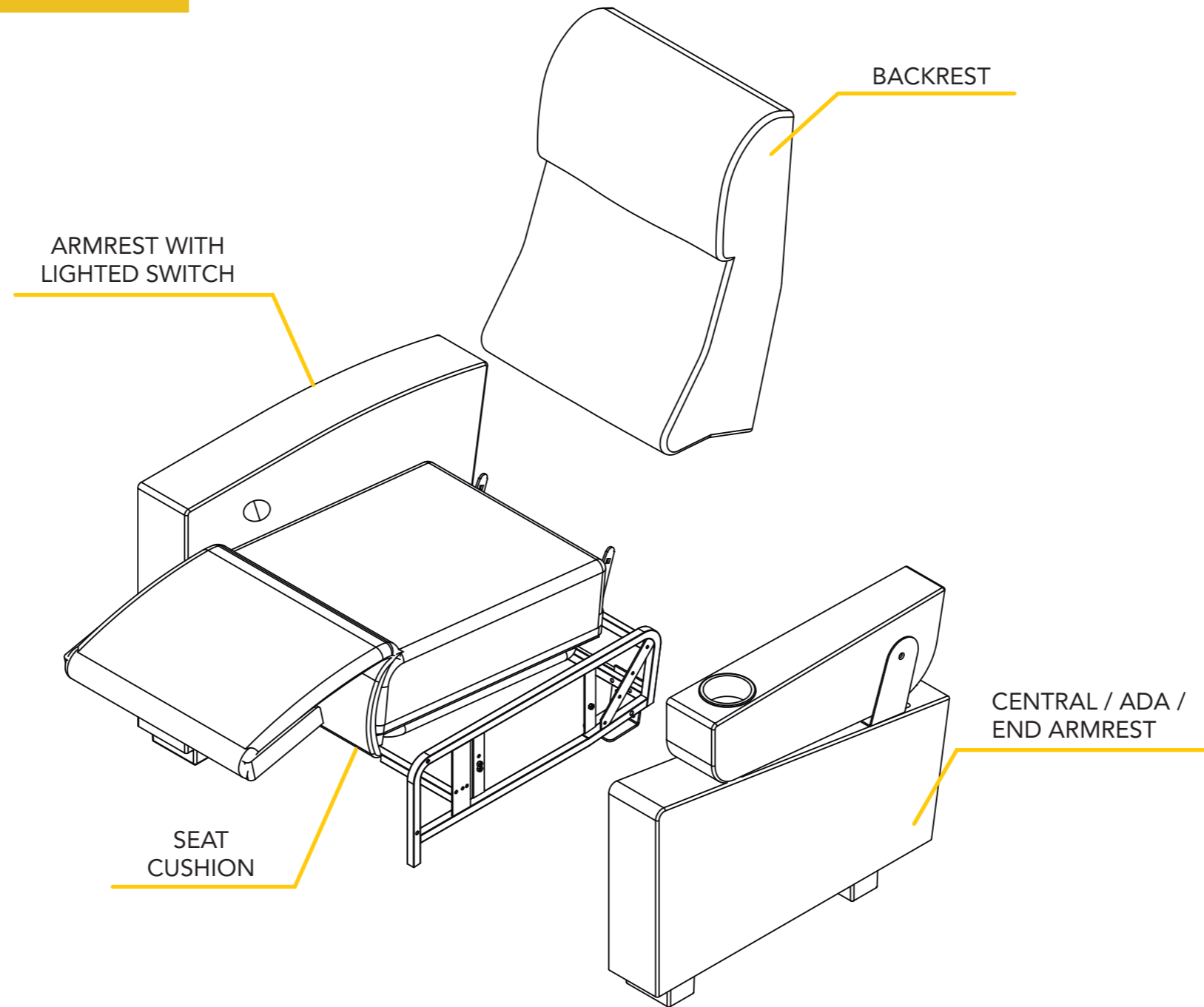
(x1) Screw
M6* 45mm



(x2) Screw
M6* 35mm



(x2) Anchor Bolt
3/8* 1 7/8"



2 VERIFY THE REQUIRED TOOLS



Plastic ties



Drill



Drill bit
3/8-inch diameter



Pencil



Hexagon
10mm wrench



Measuring tape

3 IDENTIFY THE MAIN RECLINER SEAT COMPONENTS

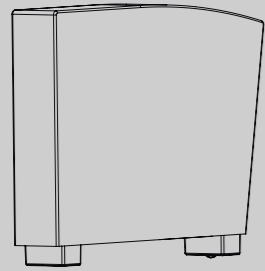
-Armrest with lighted switch and seat cushion are shipped already assembled from our factory.

-Central and end armrests are individually shipped and attached to seat with 3 mounting bolts.

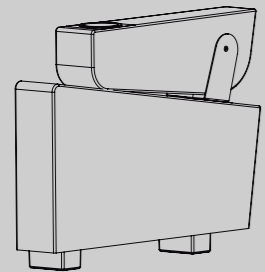
-Backrests are packed disassembled on top of the seat cushion.

TYPES OF INSTALLATION

CENTRAL / END ARMREST TYPES

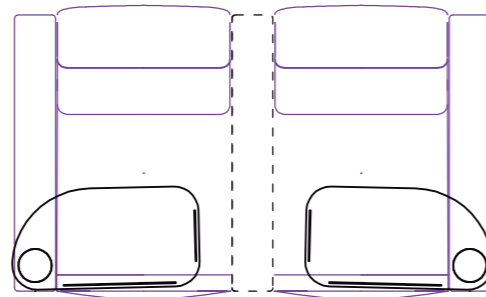


FIXED

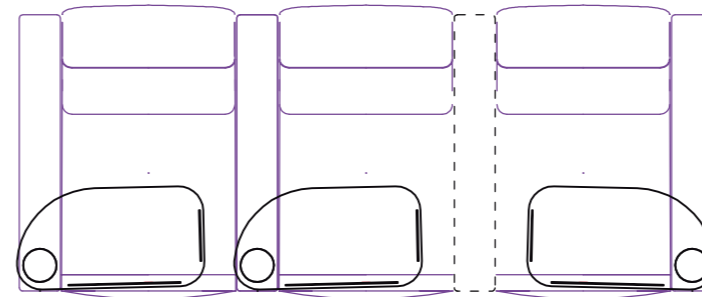


LOVESEAT ARMREST
ADA

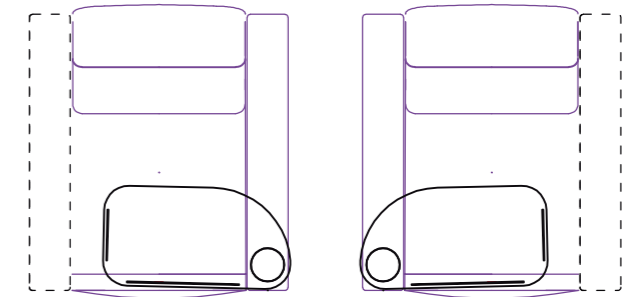
DOUBLE TANDEM



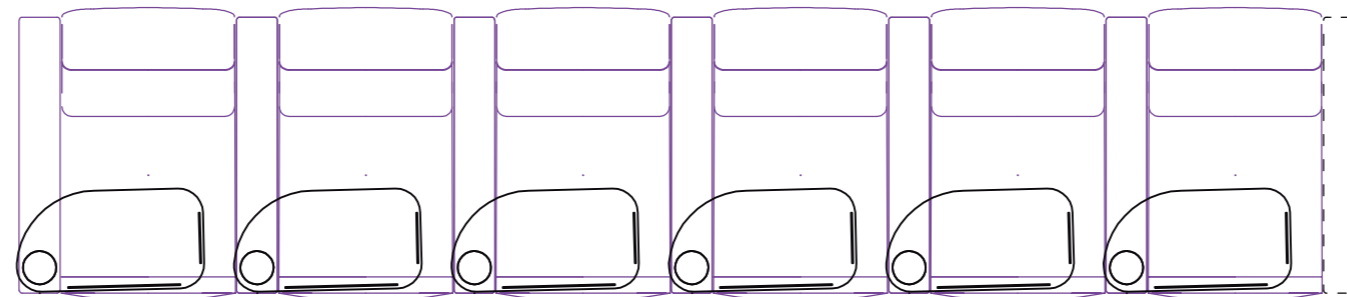
3 SEATS TANDEM



SINGLES



CONTINUOUS ROW



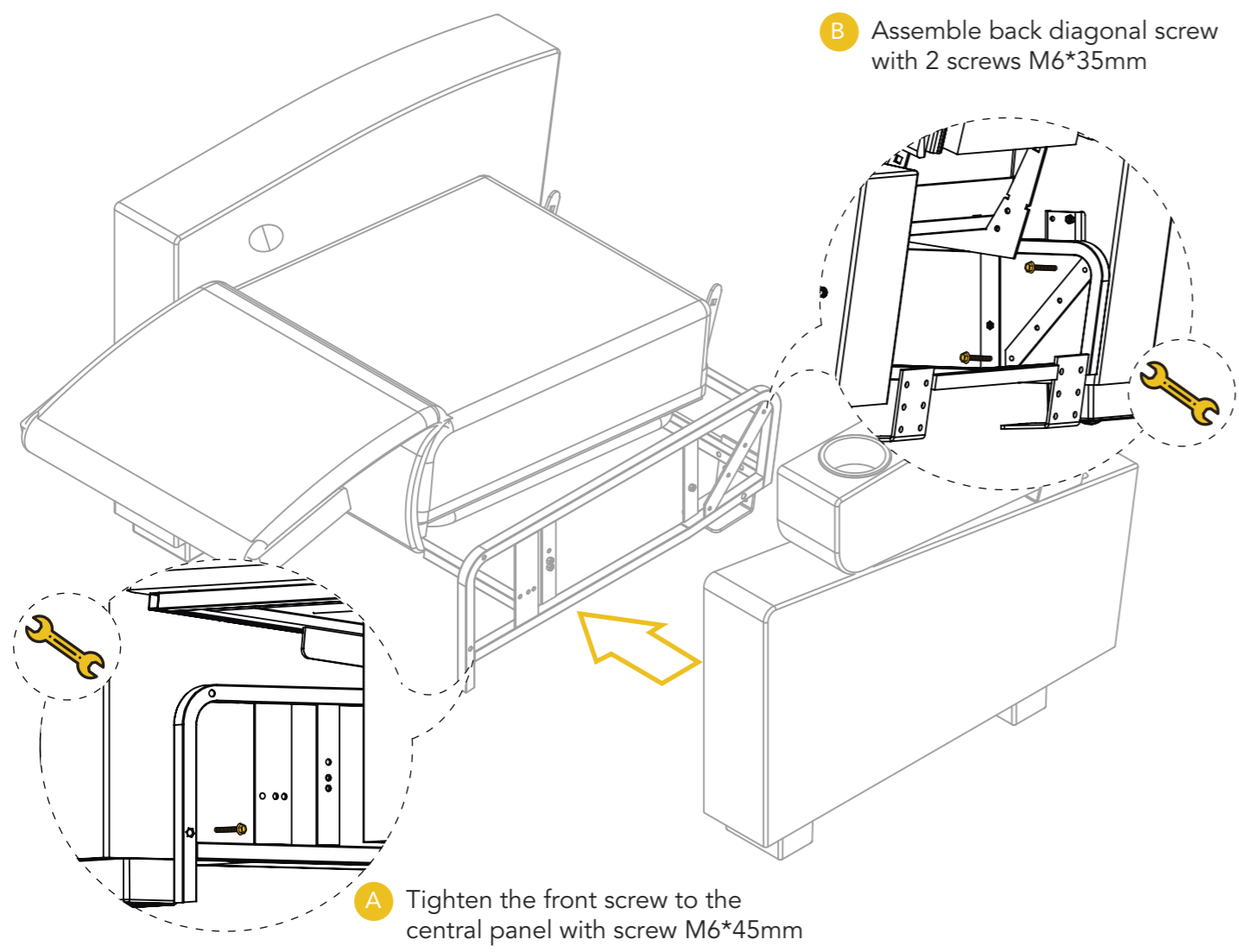
NOTE

In the dotted lines, you will find the CENTRAL / END ARMREST that should be assembled to the base of seat cushion.

In the solid lines, you will find the CUSHION + ARMREST WITH LIGHTED SWITCH

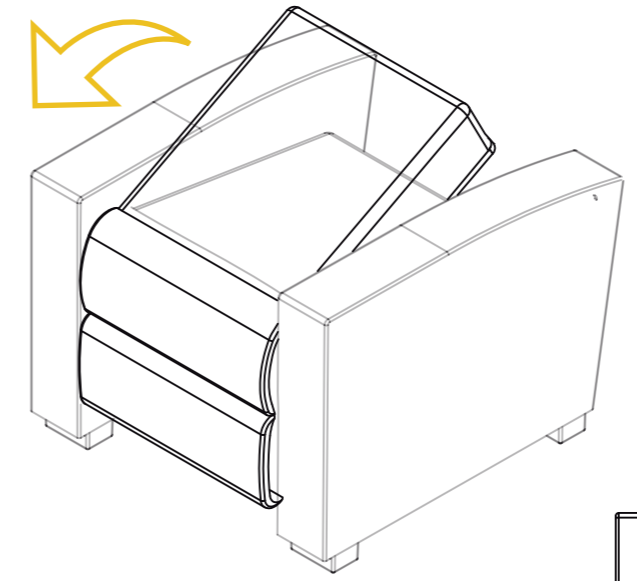
✓ Once configuration type is identified, place seats according approved layout

CENTRAL / END ARMREST ASSEMBLY

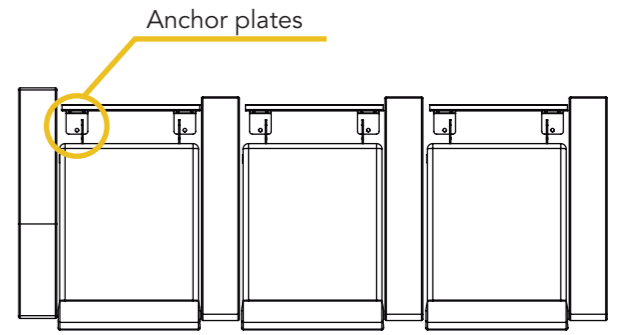


Once seats are in place, fix the Central / End armrest to the seat cushion, as shown in the images

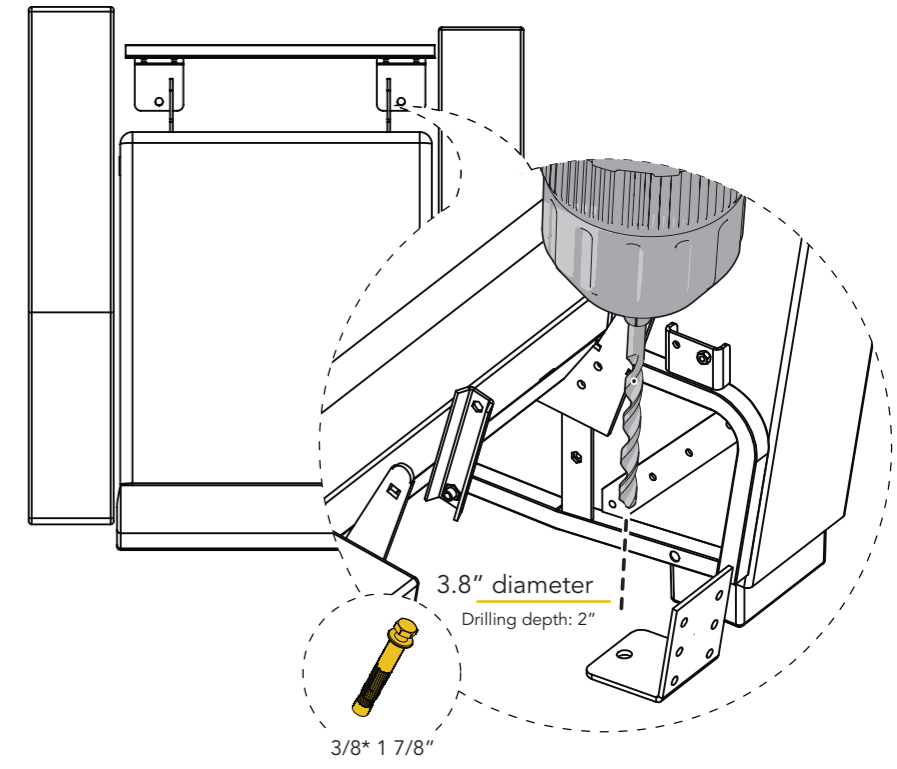
ANCHORING SEAT TO FLOOR



1 Lift up and slide seat cushion to identify anchor plates

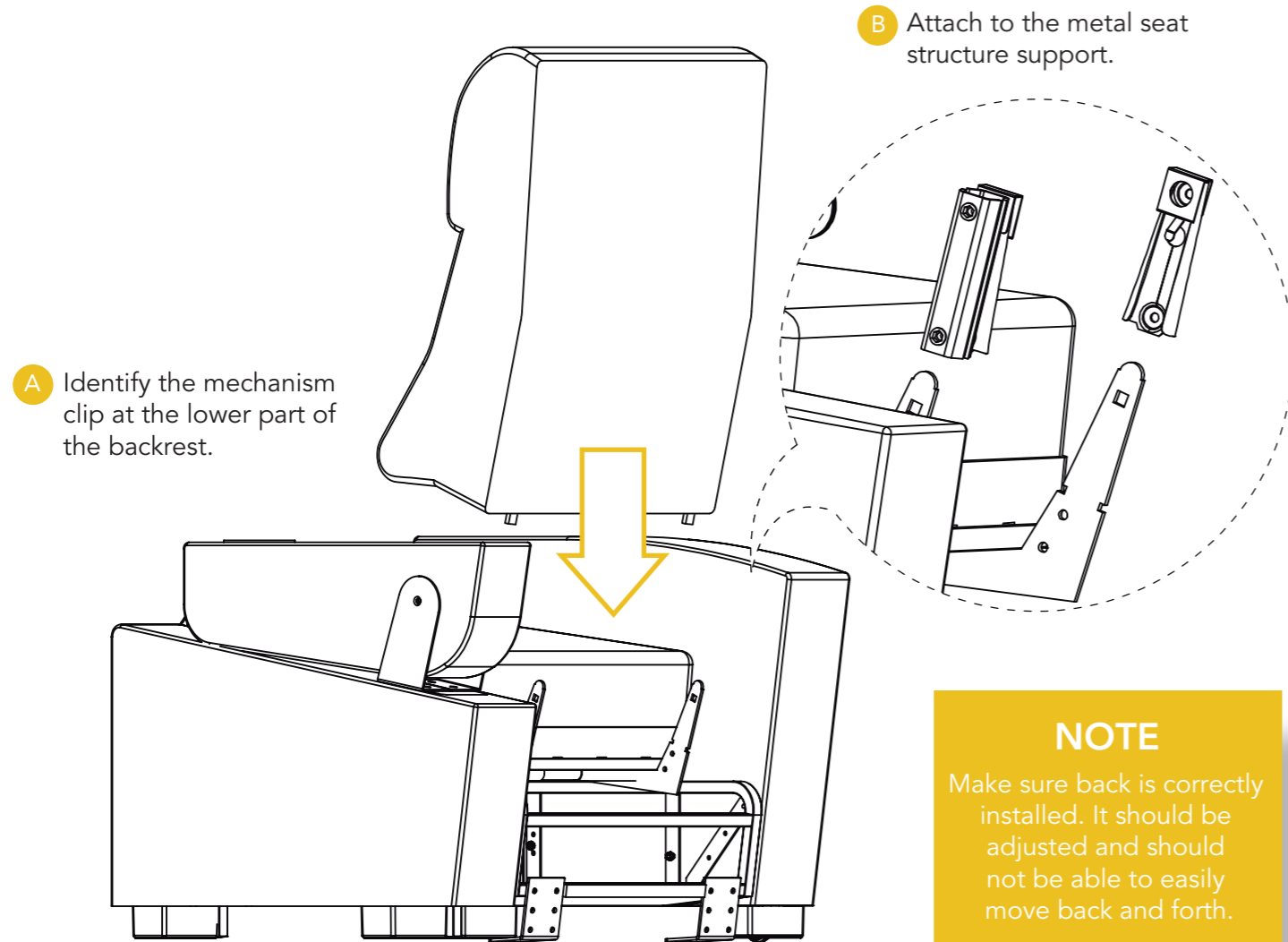


NOTE
Concrete floors require a tungstene drill bit.
Use 5/16" x 1-1/2" self-drilling screws for wooden floors.
(No previous drilling is necessary)



Drill holes on the floor according to anchor plate perforations, get the excess dust out and fix them using anchor bolts.

BACKREST ASSEMBLY



NOTE
 Make sure back is correctly installed. It should be adjusted and should not be able to easily move back and forth.

Press down backrest until it fits flush and repeat with the rest of the units.

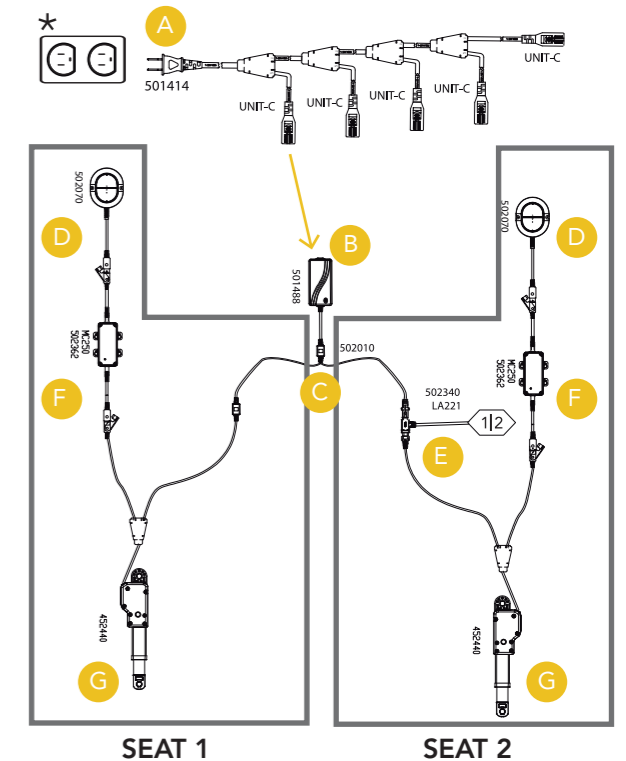
ELECTRICAL CONNECTION SYSTEM

The following diagram corresponds to a standard configuration with optional accessories such as illuminated numbers or Mass open-close system. *Keep in mind configuration may vary depending on the project.*

MAIN COMPONENTS		
REF	COMPONENT	SPECS
A	Multi-connection cable	Connect a maximum of five (5) power supplies.
B	Power supply SMPS	It regulates the maximum energy for two (2) seats.
C	Y Cable	Supplies energy that comes from the SMPS.
D	Lighted switch	Controls seat electrical functions (open-close)
G	Seat motor	In charge of reclining and folding up the seat

OPTIONAL ACCESORIES

REF	COMPONENT
E	Illuminated numbering
F	Receiver (Mass Open-Close)



*The circuit should be used only to connect the electric recliners.

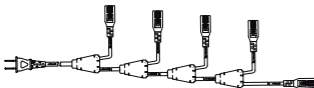
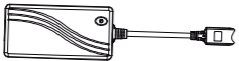

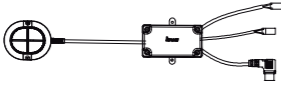

! ** It is recommended to follow this procedure strictly to maintain the Limited INORCA Product Warranty.

Suggested electrical specs: Frequency 50-60 Hz / Voltage 100-240V AC / One power supply supports a maximum of 1.6 amp for every two (2) chairs. / One circuit of 20 amp for 10 chairs

ELECTRIC ACCESSORIES INSTALLATION




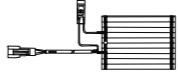
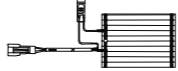
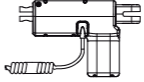

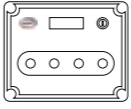
See list below with main components and optional accessories, identify items that apply to your project.

MAIN COMPONENTS

COMPONENT	REFERENCE IMAGE	SPECS	ASSEMBLY
Multi-connection cable 502010		This is the last cable that should be connected. Cable AWG 218 125v - 10 amp	Connect to the power supply and outlet.
Power supply SMPS 501488		Input: 50/60 Hz -110/240 amp Output: 29 VDC 2 amp	Connect to Y cable and to multi-connection cable.
Y Cable 502010		Supplies energy for a maximum of 2 seats	Connect to the power supply and to seat motor.
Lighted switch		Seat recliner control. Also activates heaters and recliner headrest (if applicable)	Connect to seat motor, and to back and seat heaters (if applicable)
Seat motor 452440		In charge of reclining and folding up the seat	Connect to lighted switch and to Y cable.

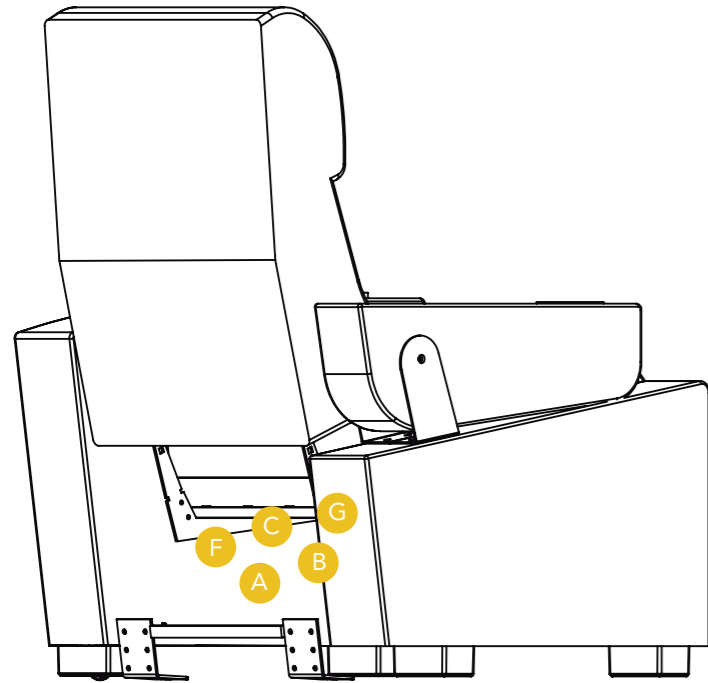
- ✓ Once the assembly of the electrical components has been determined, use the plastic zip ties to secure cables on top of seat structure, to avoid interfering with seat cushion recliner mechanism. There should be no cables visible.
- ✓ Verify all components are attached and adjusted.

OPTIONAL ACCESSORIES

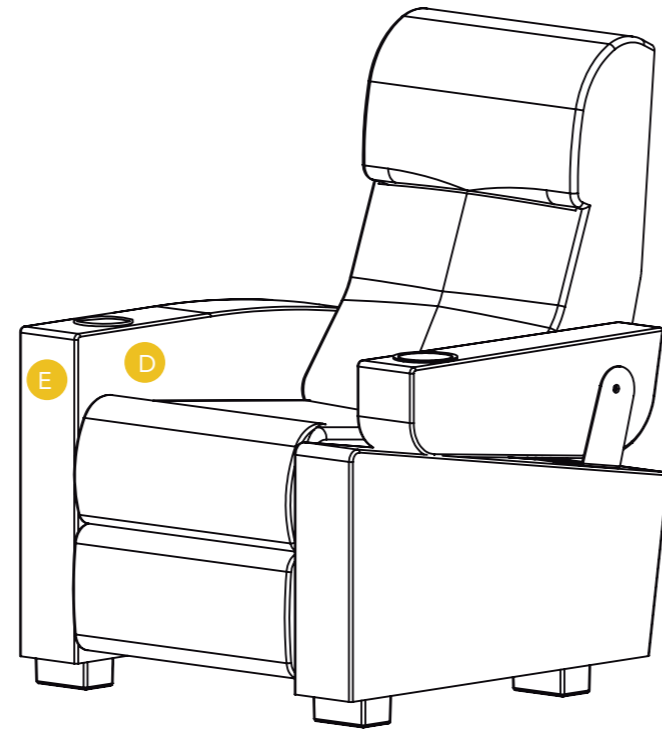
COMPONENT	REFERENCE IMAGE	SPECS	ASSEMBLY
Y Accessory		Connects the lighted switch to other accessories	Connect to lighted switch, seat motor, and accessories.
Illuminated numbering 502340LA221		Install in the central and end armrests.	Connect to the Y accessory
Illuminated aisle marker 502322LA421		Install in the end armrests. (on the aisle side)	Connect to the illuminated numbering and the Y cable
Backrest heater 414104		Backrest heating pad	Connect to the lighted switch
Seat heater 414104		Cushion seat heating pad	Connect to the lighted switch
Headrest motor MD102-MD125		In charge of activating the seat headrest	Connect to Y accessory
Receiver Mass Open-Close MC250		Located under the seat. It receives the MOC control box signal.	Connect to Y accessory
Control box Mass Open-Close HC371-501958		Controls the simultaneous reclining and folding up of the seats in each auditorium	Must be fixed to the place where the MOC is going to be operated.

We highly recommend preventive maintenance every six (6) months.

LOCATION OF ACCESSORIES

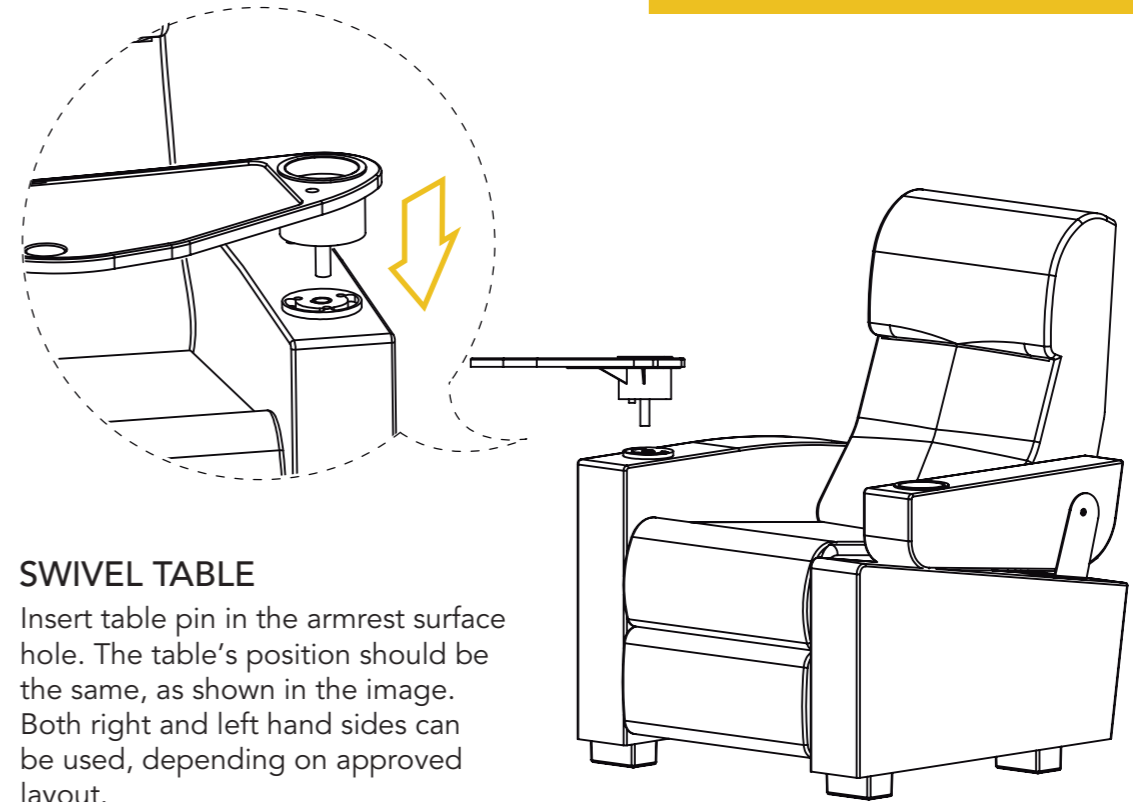


- A Multi-connection cable
- B Power supply SMPS
- C Y Cable
- D Lighted switch



- E Illuminated numbering
- F Receiver (Mass Open-Close)
- G Seat motor

ACCESSORIES INSTALLATION



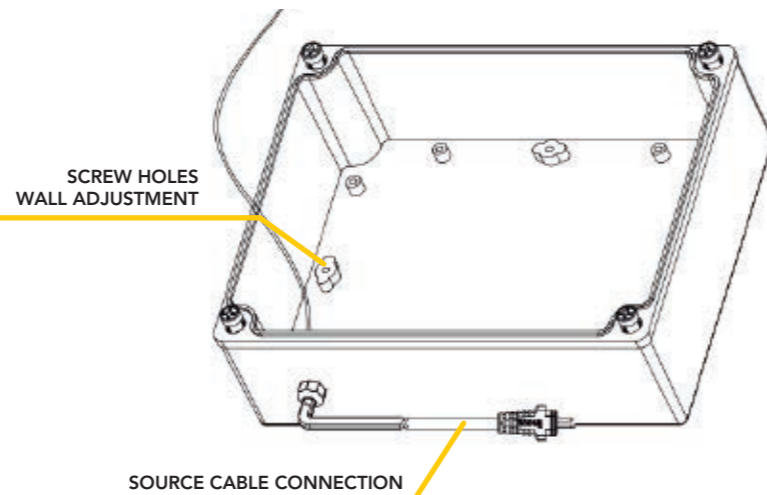
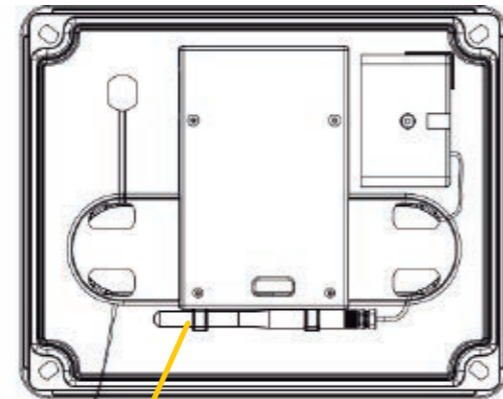
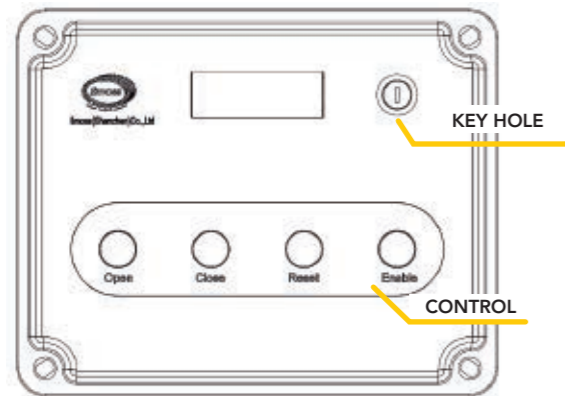
- A **SWIVEL TABLE**
Insert table pin in the armrest surface hole. The table's position should be the same, as shown in the image. Both right and left hand sides can be used, depending on approved layout.



- B **REMOVABLE HEADREST COVER**
Install cover with the numbering or logo facing the front (according to layout)
Make sure the lowest cover seam align with stitching on back headrest.

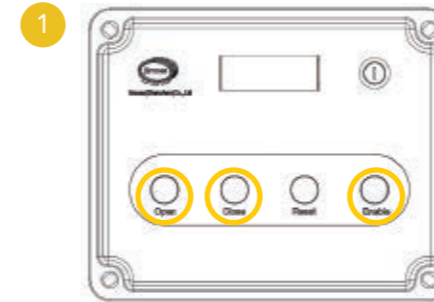
MASS OPEN-CLOSE (MOC) INSTALLATION

MOC CONTROL BOX INSTALLATION

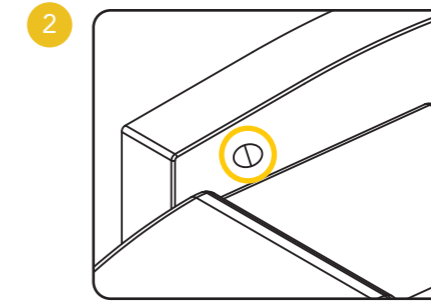


- 1 Disassemble control box; find the antenna inside. Adjust it in the hole on top part of the control box.
- 2 Screw the control box to the wall, where it is going to be located; then close the box.
- 3 Connect source cable to control box.
- 4 Insert key into the keyhole and turn on the system.

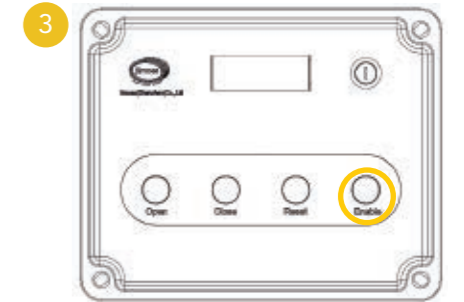
SEAT SYNCHRONIZATION AND CONTROLLER



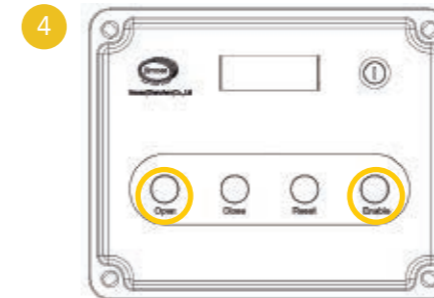
Once the control box is on, press and hold for 3 sec "OPEN - CLOSE - ENABLE" simultaneously to begin the synchronization process.



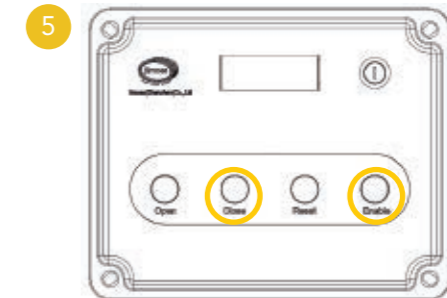
Press and hold the 2 buttons simultaneously for approximately 5 seconds until the seat footrest makes a slight movement. It will indicate that the process was successful. Repeat process with each seat in the theater.



Press and hold for 1 second "ENABLE" button.



Press and hold simultaneously "OPEN - ENABLE" for a few seconds to unfold the seats and verify they work properly.



Press and hold simultaneously "CLOSE - ENABLE" for a few seconds in order to verify that seats return to fold position.

! IN CASE A SEAT IS NOT WORKING

- Disconnect the receiver at both ends (motor and control), reconnect, check the MOC control box, repeat steps 4 and 5.
- If this doesn't work, disconnect the receiver again at both ends, reconnect and do step 2. Then, repeat steps 4 and 5.

LIMITED WARRANTY

INORCA SAS warrants solely to the original purchaser that the product purchased is free of defects in material and workmanship. This warranty is effective for five (5) years from the date of purchase except as provided below. This warranty does not cover damage to the product or parts caused by abuse or neglect, inappropriate use, destruction by any casualty, including flood, electrical power surges or power failures, acts of God, fire, explosion, theft, or vandalism, or failure to properly install or maintain the product or its parts. Attempted repairs by third parties shall void this warranty. INORCA SAS's liability is limited to replacement of the warranted parts in accordance with this limited warranty, or, at the option of INORCA SAS, the entire product. Replacement of the product or any part thereof shall not extend the original warranty period. INORCA SAS will assume the cost of labor and shipping and handling to repair or replace defective part(s) covered under the warranty for one (1) year from the date of original purchase and thereafter such expenses will be borne by the purchaser. INORCA SAS shall not be responsible for loss of time, lost profits, injury to person or property, or other incidental, consequential, punitive, exemplary or other damages or costs incurred by any party. **The terms and limitations of this paragraph apply to all material or component warranties below and the warranty contained in this paragraph is further limited as to any part or portion of the product as provided below. This warranty applies to all sales made by INORCA to the Purchaser.**

INORCA SAS SHALL HAVE NO RESPONSIBILITY UNDER THIS LIMITED WARRANTY IF PURCHASER IS DELINQUENT IN ANY PAYMENT DUE TO INORCA SAS FOR THE PURCHASE OF THE PRODUCTS.

EXCLUSIONS

The guarantee, if any, for fabrics, leathers and faux leathers (upholstery materials), wood solids, veneers, and laminates used in conjunction with the product is limited to the component manufacturer's guarantee/warranty. In no event will the warranty period for leather exceed one (1) year from the date of purchase. INORCA SAS will not be responsible for misuse, wear and tear or abuse, or changes in finish, color, shading or surface texture due to aging, job site conditions, or the natural character of wood solids, veneers and laminates.

The limited warranty period hereunder for any upholstery material is limited to repair or replacement of such parts or portions that suffer from manufacturing or material defects. No two pieces of leather are alike, and as such, natural markings and grain variations shall not constitute defects and are not covered under this limited warranty.

The fabric, faux leather and leather warranty is void where there is evidence of excessive soiling, improper cleaning, abuse or where the upholstery materials had a chemical treatment applied by the retail dealer, consumer, or any other party.

LIMITED WARRANTY

ELECTRIC MECHANISMS AND ELECTRONIC DEVICES

The warranty, if any, of electric or electronic mechanisms or devices incorporated into INORCA's products is limited to the warranty provided by the manufacturer of said components.

CUSHIONING AND INNER STRUCTURE

Cushioning and inner structure are warranted against defective material or workmanship for the full five (5) years from the date of original purchase of the product initially provided above. However, all foams and filling composites naturally soften with use. This softening does not constitute a defect and is not covered under this limited warranty.

Leggett & Platt scissor mechanisms used in INORCA recliners are limited to the warranty provided by the manufacturer of said components.

TABLES, ACCESSORIES AND ALL OTHER PARTS

All other parts not specifically warranted, including but not limited to tables, cupholders, tabletops and number or letter plates, have a one (1) year limited warranty against defective material or workmanship. This warranty is limited to repair or replacement of the defective part.

WARRANTY LIMITATIONS

THE LIMITED WARRANTIES DESCRIBED ABOVE ARE THE EXCLUSIVE WARRANTIES IN RESPECT OF THE PRODUCT AND ANY PART OR PORTION THEREOF AND SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL THE AGGREGATE LIABILITY TO OR THROUGH PURCHASER AND IN RESPECT OF ANY PRODUCT EXCEED THE AMOUNT PAID BY THE PURCHASER FOR SUCH PRODUCT.

The parties agree that INORCA SAS's sole liability shall be for the repair, or at INORCA SAS's discretion, replacement of the defective part as provided herein, subject to the limitations in respect of any such repair or replacement as provided herein, including limitations on costs or expenses thereof. INORCA SAS will not be responsible for shipping or installation costs for warranty claims occurring one (1) year after the original purchase. INORCA SAS will never be responsible for any loss of time, lost profits, injury to person or property, or other incidental,

LIMITED WARRANTY

consequential, punitive, exemplary or other damages or costs incurred.

Note: in jurisdictions that prohibit limitations on the duration of an implied warranty or the exclusion or limitation of any particular form or type of damages, the affected above limitations shall not apply except to the extent the limitations are permitted under such jurisdictions.

REQUIRED FLOOR SPECIFICATIONS AND MAINTENANCE

Purchaser is responsible for regular maintenance and inspection of the product. "Regular maintenance" shall include tightening of any loose assembly and attachment hardware, replacement of damaged components, and proper cleaning (including removal of dirt on the powder coated steel, especially on attachment footplate). This work shall be performed at reasonable intervals based on frequency of use, but at least every six (6) months. Regular inspection of product components, including assembly hardware, moving parts, and anchoring devices is also part of required maintenance. Strenuous use requires weekly inspection. All hazards are required to be corrected prior to use. Purchaser is also responsible for ensuring the product is properly installed according to the specifications provided by INORCA SAS or the product or part manufacturer and under applicable building and similar codes and regulations, including those provided below. Failure to conduct "regular maintenance" or to comply with such specifications, including those below, shall void this limited warranty.

Concrete Floor:

For fixed-backrest chair installation, the floor on which the seating is to be installed must be concrete with a strength of at least 3,000 PSI and a minimum thickness of 10 cm. Each chair must be installed to the floor with two (2) expansion anchor bolts delivered and specified by INORCA SAS and installed diagonally on the fixing floor plate of each standard.

For reclining backrest chair installation, the floor on which the seating is to be installed must be concrete with a strength of at least 3,000 PSI and a minimum thickness of 10 cm. Each chair must be installed to the floor with three (3) expansion anchor bolts delivered and specified by INORCA SAS and installed on the fixing floor plate of each standard.

Wood Floor:

For fixed-backrest chair and reclining backrest chair installation in a wood floor, the floor must be a hardwood floor, with a minimum thickness of one inch (1"). Each chair must be installed to the floor with four (4) self-tapping screws supplied and specified by INORCA SAS, one in each hole of the fixing plate.

LIMITED WARRANTY

The foregoing minimum standards may be revised from time to time by INORCA SAS upon notice to the purchaser, including subsequent to installation.

MEDIATION REQUIRED

Purchaser hereby agrees and consents to a mandatory mediation prior to bringing any lawsuit, administrative claim, or other demand to adjudicate a claim. Mediation shall be before the American Arbitration Association and shall take place in or near the location of Purchaser's place of business where the INORCA SAS products at issue are in use or to be installed. While this mediation is mandatory, it is not arbitration and will be an attempt at resolving claims by agreement using an unbiased third party who is a member of the American Arbitration Association's construction division for arbitration of claims. The parties will each bear 50% of the cost of the mediator, and shall otherwise bear their own attorneys' fees and costs for the mediation. The mediator shall be selected by mutual agreement, or if no agreement can be reached between the parties, the mediator shall be appointed by the American Arbitration Association.

This agreement shall be construed and controlled by the laws of the State of Texas and Purchaser consents to exclusive jurisdiction and venue in the federal and state courts located in or nearest to Collin County, Texas. Purchaser waives all defenses of lack of personal jurisdiction and forum non conveniens.

ENTIRE AGREEMENT

INORCA SAS's entire warranty and liability in respect of the product is embodied in this writing, irrespective of any statements, written or oral, made by any employees or agents of INORCA SAS. Any such statements do not constitute warranties or create liabilities, and shall not be relied upon by purchaser, and are not part of this warranty. This writing is a complete and exclusive statement of the terms of INORCA SAS's warranty and may not be modified, altered, or amended except in a writing signed by an authorized officer of INORCA SAS.

MAINTENANCE AND CLEANING MANUAL

It is important that provided instructions and procedures are carefully read.
Please contact us immediately in case of defects or if any questions.

TEXTILES (polypropylene, polyester, or polyvinyl fibers).

- Regular cleaning is recommended in order to maintain excellent appearance of upholstery
- Use a clean soft white cloth with warm soapy water solution and follow up with second clean damp soft cloth to completely wipe clean of any residue. Keep in mind that lighter vinyl colors require more frequent cleaning than darker colors.
- Do not use solvents such as thinners, mineral solvents, acetone, alcohol, bleaches, waxes, silicones, or detergents.
- Do not mark with inks or markers as this can be absorbed and leave permanent stains or spots.
- For spillage of such liquids as wine, beer, other spirits, juices, soft drinks, coffee or tea, simply follow regular periodic cleaning instructions. Clean up the spill as soon as possible especially if the liquid is of dark color.
- Avoid sun exposure and contact with tanning solutions or other greases. In the event this happens, clean furniture as soon as possible with liquid soap or upholstery shampoo and a white soft clean cloth or pig hair bristle brush.
- Some articles of clothing that have been dry cleaned or materials such as dark jeans can transfer colors etc. If this occurs, clean immediately with upholstery shampoo and a white soft cloth or pig hair bristle brush by rubbing affected area in a circular motion and follow up with clean damp soft cloth.

RECOMMENDATIONS

- Avoid continual exposure to the sunlight as this could reduce the quality of the textile or the skin and degrade its color and tonality.
- Dry in a shady area.
- It is highly recommended to not use plastic sponges, wire, brushes or pulverisers designed for industrial or household use.
- The use of foamy products on or under the upholstery is not recommended.
- Avoid sitting on the chair with sharp objects in your possession, such as scissors or keys. They can damage the tissue fabric of the upholstery, causing cuts, rips and or defects.

WOOD (applicable for veneer finishes)

- Clean with water and non-abrasive soap. Use a clean, white damp rag that will not release dust particles or speck.

MAINTENANCE AND CLEANING MANUAL

- Do not use solvents such as thinners, mineral solvents, acetone, alcohol, bleaches, waxes, silicones, or detergents as these may cause permanent damage.
- To remove stains or stubborn dirt, wipe entire wood surface with a damp rag soaked in a soft cleaning product (or sodium bicarbonate diluted in water) Make sure to wipe in the direction of the grain.
- Make sure to dry the surface completely in order to have a uniform appearance

RECOMMENDATIONS

- Do not use surfaces for chopping or cutting.
- Clean regularly to avoid accumulation of dust.
- Do not place hot items directly on the surface.
- Avoid abrasive or sharp objects as wood and plastic surfaces are sensitive and easily scratched, scraped cut or punctured.

POWDER COATING FINISH

- Use soft rag, preferably with in color. Dampen rag with water (if necessary). to avoid deterioration and or oxidation of electromagnetic painted surfaces, always clean with the direction of the grain and always make sure to item is completely dry.
- Do not use solvents such as thinners, mineral solvents, acetone, alcohol, bleaches, waxes, silicones, or detergents as these may cause permanent damage by peeling paint, rust and or corrosion.
- Keep sharp objects away from seats such as scissors, keys as these elements can damage surfaces
- Regular periodic maintenance must be done to guarantee seats are functioning correctly.
- Adjustment of screws, nuts, and bolts should be reviewed every three months

RECOMMENDATIONS

- Always clean surfaces in the direction of the grain and follow up with a clean dry cloth.
- Avoid using powder detergent and micro particles can scratch surfaces
- Always dry completely with clean dry cloth
- Do not, under any circumstance use plastic or wire scrub pads or brushes as these will scratch the protective film on steel surfaces and cause corrosion and or rust.
- Do not expose metal pieces to water.

MAINTENANCE AND CLEANING MANUAL

PLASTIC PIECES

- Clean plastic pieces with warm soapy water or neutral Ph. softener and a soft white damp cloth and dry completely.
- Avoid use of pens and markers to avoid permanent stains.
- Do not use solvents such as thinners, mineral solvents, acetone, alcohol, bleaches, waxes, silicones, or detergents.
- Avoid sitting with any sharp instruments that can scratch, scrape or cut the seat.
Soft brush made of pig hair is recommended to clean porous plastic pieces to remove deep stains and or spots.
- Do not use rags or cloth that have been previously used on other material
- For difficult or stubborn stains, use BIODEGRADABLE POWERED OXIGENATED BLEACH or SODIUM PEROXICARBONATE (DILUTED IN WATER – 20 grams per liter of water)

RECOMMENDATIONS

- Avoid long term exposure to sunlight as it can damage color and diminish quality of textiles or leather.
- Allow to dry in a shaded area.
- Do not, under any circumstance use plastic or wire scrub pads brushes, polishers or disk buffers.
- Do not allow the foam cushion inside the upholstery seat to get wet
- Keep sharp objects away from seats such as scissors, keys as these elements can damage upholstery materials
- Clean plastic pieces with warm soapy water or neutral Ph. softener and a soft white damp cloth and dry completely.
- Avoid use of pens and markers to avoid permanent stains.
- Do not use solvents such as thinners, mineral solvents, acetone, alcohol, bleaches, waxes, silicones, or detergents.
- It is important to dispose of unused cleaning solvent and any unused surplus as well as cleaning cloths. Use fresh / clean cloths and solvents each time.
- Soft brush made of pig hair is recommended to clean porous plastic pieces to remove deep stains and or spots.
- Do not re-use cleaning rags /cloths