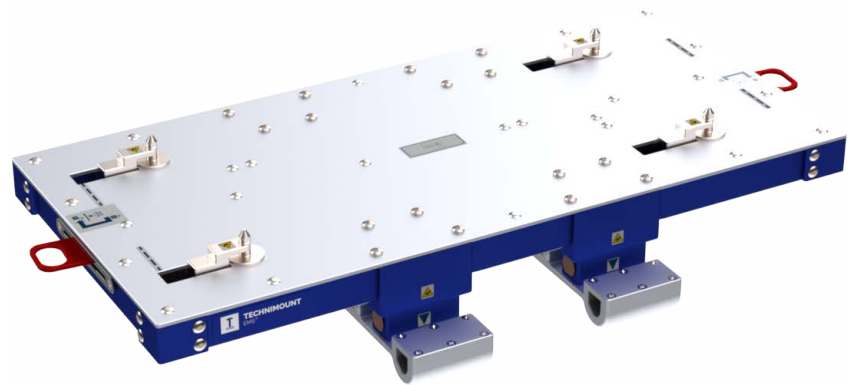




TECHNIMOUNT
EMS®

NEONATAL TRANSPORT INCUBATOR PLATFORM USER MANUAL

SAFETY AND FLEXIBILITY
WHERE IT MATTERS MOST



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For any issues with your Technimount product, its components, or for any technical questions during the installation, operation, or maintenance, please contact Technical Support at techsupport@technimount.com.

Contact Information

Technimount E.M.S. Holding Inc.

C/O: Regulatory Affairs

3770 Jean Marchand Street, Suite 100-C

Quebec (Quebec) G2C 1Y6

Canada

customerservice@technimount.com

techsupport@technimount.com

legal@technimount.com

www.technimount.com

T + 1 581 700-6613

TF + 1 888 639-2758 (North America)

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1. General Mentions and Considerations

The Neonatal Transport Incubator Platform user manual includes detailed product information, standards and guidelines to assist the administrator/manager/supervisor and biomedical technician (or equivalent) with the unpacking, assembling (when indicated) and maintenance of the Technimount product. It also includes specific user-related information to assist trained EMS and clinical personnel with effectively operating the mounting solution.

Please read the user manual thoroughly to fully assess, comprehend, then relay its content to EMS and clinical personnel during training, to warn them of any potential danger of its abuse, how to safely use the product and provide a safe environment for patients as well as themselves. Your existing protocols should be updated to include the Technimount product(s) standards, guidelines, requirements and safety recommendations included within this documentation. The user manual should remain available to users when needed and relayed if the product is subsequently sold.

NOTE : Technimount continually seeks advancements in product design and quality. While the user manual contains the most updated product information available at the time of printing, it may contain minor differences from the current version, including image references. For more information, please contact Technical Support at techsupport@technimount.com.

NOTE : Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability.

1.1. Intended Use

The Neonatal Transport Incubator Platform is designed to aid trained EMS and clinical personnel securely move the Dräger Isolette TI500 incubator that is essential to neonates during air EMS transport or interhospital transfers.

1.2. User Competency

To safely operate the mounting solution, EMS and clinical personnel must have the required skill level. Training should be given to EMS and clinical personnel, taking in account the skill level that is necessary to comply with their function and level of interaction with the Neonatal Transport Incubator Platform:

- **Proficient (trained EMS and clinical personnel):** Has received the required training, is sufficiently knowledgeable to safely operate the product and have passed the skills assessment (refer to « Annex I EMS and clinical personnel Skills Assessment » on page 23).

NOTE : Any member of the EMS and clinical personnel who has not received the required training and lacks the knowledge needed to safely operate the mounting solution must not use the product.

- **Expert (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and is familiar with standards and guidelines. Skilled to train EMS and clinical personnel on how to safely use the product.
- **Advanced (biomedical technician or equivalent):** Has extensive mechanical experience. Skilled to perform the unpacking, assembly, safety checks and condition-based maintenance procedures as detailed in « Annex V Maintenance » on page 35, basic troubleshooting, upgrade procedures and replacement

procedures.

1.3. Warranties

1.3.1. Warranty Policy

This statement constitutes Technimount's entire warranty policy with regards to Technimount products. Technimount makes no other warranty or representation, neither expressed nor implied, except as stated herein. There is no warranty of merchantability or warranty of fitness for any particular purpose. Under no circumstances will Technimount be held liable hereunder for incidental or consequential damages, arising from or in any manner, related to sales or use of any such product.

Technimount E.M.S. Holding Inc. guarantees to the original "Purchaser" of the "Product" with which this "Limited warranty" is included, that the product will be free from "Defects" in workmanship and materials under normal use for a "Warranty period" of one (1) year from the product purchase date by the purchaser. During the warranty period, the product will be repaired or replaced according to the "Limited warranty" without charge to the purchaser for parts or labor. The parts and product may be repaired or replaced with new or refurbished parts or products. Herein this Limited Warranty, "Refurbished" means parts and products which have been returned to the factory, specifically. If the product is repaired or replaced within the warranty period, the greater of the remaining warranty period will apply, or three (3) months from the date of repair or replacement. If the product is repaired or replaced after the warranty period has expired, the warranty period for the repair or replacement will expire three (3) months after the repair or replacement date.

1.3.2. Limited Warranty

Technimount products are intended to retain medical devices in place in the case of a single emergency landing or a single crash impact. Technimount products must not be reused if involved in a single emergency landing or a crash and must thereafter be replaced. If the end user uses a Technimount product following a single emergency landing or a crash, it is at the end user's own risk and Technimount will not be held liable.

The limited warranty does not apply to normal wear that could result from normal use. It does not apply when the product or any of its components have been disassembled or repaired by someone not authorized by "Technimount". It does not cover repair or the replacement of any product or part thereof damaged by neglect, misuse, moisture, liquids, exposure to heat, accidents, abuse, and non-compliance with the instructions for installation and use provided with the product. It does not cover physical damage to the surface of the product. The decision to repair, replace or refuse the coverage is final and at the sole discretion of Technimount, without any compensation or obligation from Technimount. The product defined as a "mounting solution" or "platform" is specifically designed to fill this requirement. Any other use will void the warranty and Technimount shall not be held liable on any claim if the product has been modified or adapted for use.

1.3.3. International Warranty Clause

This warranty abides by the Canadian domestic policy. Warranty outside Canada may vary by country. Please contact Customer Service at customerservice@technimount.com for more information.

1.3.4. User Liability

The purchaser and administrator are responsible to validate regulations and standards for safety in their region, to comply with applicable safety regulations. Technimount is not responsible to inform the purchaser or the administrator of any applicable legislation for safety in their area.

The administrator is responsible for providing proper training to any personnel who will install, operate and perform maintenance on Technimount products.

1.4. Claims

1.4.1. Damaged or Defective Merchandise

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of the reception date. **Do not** accept damaged merchandise unless such damage is noted on the delivery receipt at the time of reception. Upon prompt notification, Technimount will file a freight claim with the appropriate carrier for damages incurred. Claims are limited in amount to the actual replacement cost. If the claim has not been received by Technimount within the fifteen (15) day period following the date of delivery, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for the full payment of the original invoice.

Claims for any short or broken merchandise must be made within thirty (30) days of invoicing. For details, refer to the claim process or contact Customer Service at customerservice@technimount.com.

1.4.2. Return Policy

Technimount products may be returned up to sixty (60) days from the reception date, if:

- The received product does not match what was originally ordered.
- The product does not meet the Technimount technical sheet specifications.
- The product is not compatible with the system on which it was intended to be installed on.

To return a Technimount product,

- A Return of Merchandise Authorized (RMA) must be requested and approved by Technimount prior to returning the product.
- Products must be returned undamaged and in its original packaging, appropriately identified with the approved RMA number. Returns will not be approved on a modified or damaged item.
- Charges may apply if the package received is damaged or items are missing.
- Purchaser is responsible for a restocking fee (refer to Table 1).

Table 1: Restocking fees

RESTOCKING FEES	
Prior to thirty (30) days	10%
Prior to forty-five (45) days	25%
Prior to sixty (60) days	30%

For any manufacturing defect, refer to the conditions within the warranty policy or contact Customer Service at customerservice@technimount.com for additional information.

1.4.3. Return of Material Authorization (RMA)

The Technimount Customer Service department is responsible for all merchandise returns and will provide a Return of Merchandise Authorization (RMA) number, upon approval. The RMA must be printed and placed on the returned merchandise. Technimount reserves the right to charge shipping and restocking fees (refer to Table 1) for the returned items. Special, modified, or discontinued items are not subject to returns.

1.4.4. Claim Process

Upon reception of the returned merchandise, a thorough inspection will be performed. If the merchandise is compliant with the return policy or it is found that the product is defective, Technimount will take corrective actions and close the claim. If, however, it is found that the product is not defective, but rather misused or abused, the product will not be covered by the warranty. Details of our findings and conclusions will be provided shortly thereafter. To submit a claim, contact Customer Service at customerservice@technimount.com to obtain a Return of Material Authorization (RMA) form and return instructions.

2. General Safety Guidelines

Always read and abide by all the safety guidelines identified within this document. Pictograms, safety symbols and labels are used to alert the user to a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury to the patients or EMS and clinical personnel, or damage to the product. This includes the special care necessary for the safe and effective use of the Technimount product to avoid damage that may occur from use or misuse. The terms "Warning" and "Caution" herein carry special meaning and should be carefully reviewed.

WARNING – Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION – Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

2.1. Symbols and Definitions



WARNING – Hand Crush/Pinch Point

Indicates an area where mechanical components could move toward each other and might result in a potential crush/pinch hazard.



CAUTION – Safe Working Load (SWL)/Load Balance

Indicates the total maximum charge for a safe use of the product.



CAUTION – Safe Handling and Operation

Alerts the reader to pay special attention to the recommendations for safe use of the product, and of potentially hazardous situations that could result in minor injuries to the patients or EMS and clinical personnel. This includes the special care necessary for the safe and effective use of the product to avoid damage that may occur from use or misuse.



CAUTION – Safe Practice

Alerts the reader to pay special attention to the recommendations and methods outlining how to safely operate the product to minimize risks to the patients, EMS and clinical personnel and the product.



CAUTION – General Mandatory Action

Call for action. Alerts the reader to potential risk to the patients or EMS and clinical personnel not following the mandatory action specified by the supplementary sign.



CAUTION – Follow Instructions for Use

Call for action. Reminds the reader to consult the user manual for information.



CAUTION – Two (2) Person Lift

Heavy load. Alerts the reader to a two (2) person lift carrying technique recommendation based on the weight and/or size of the product.



WARNING – Sitting Prohibited

Alerts the reader of potential risk to the patients or EMS and clinical personnel from an improper use of the product.

2.2. Labels

Labelling on the surface of the Technimount product, quickly identify potential risks and provides information to the user. Safety labels (Figure 1) and a manufacturing label, including the serial number and Safe Working Load (SWL) (Figure 2), can be seen on the Technimount product.

2.2.1. Safety Labels

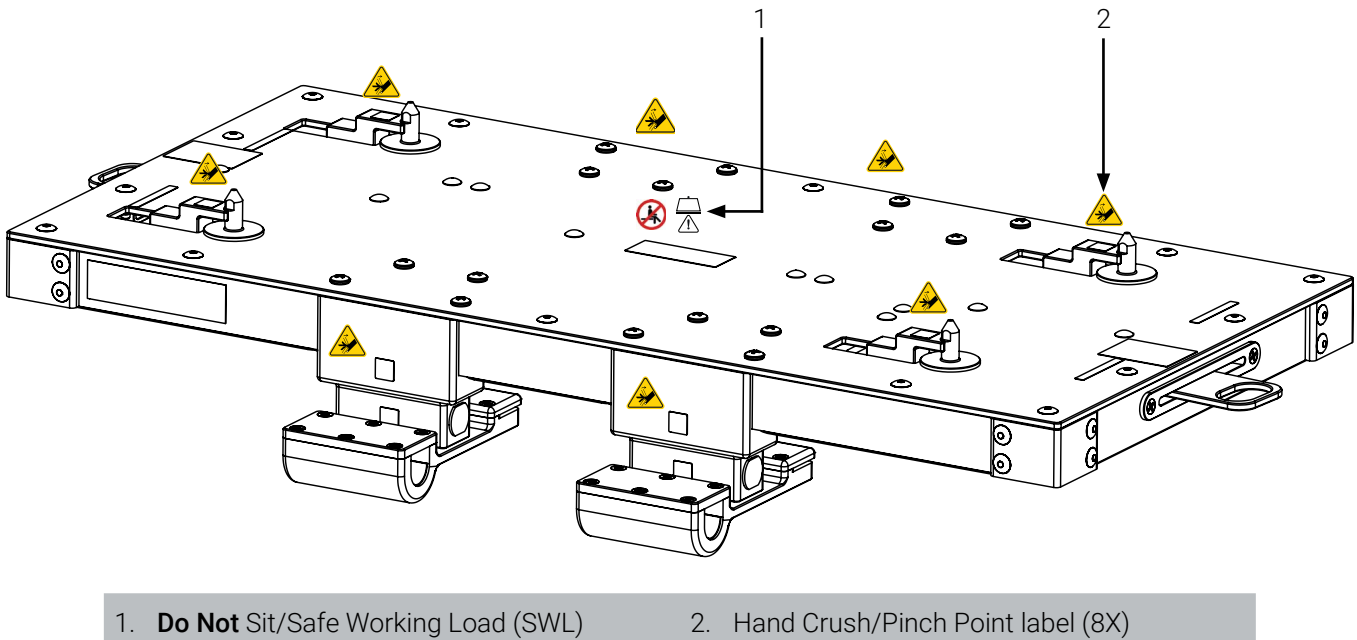


Figure 1: Location of the safety labels

2.2.2. Manufacturing Label

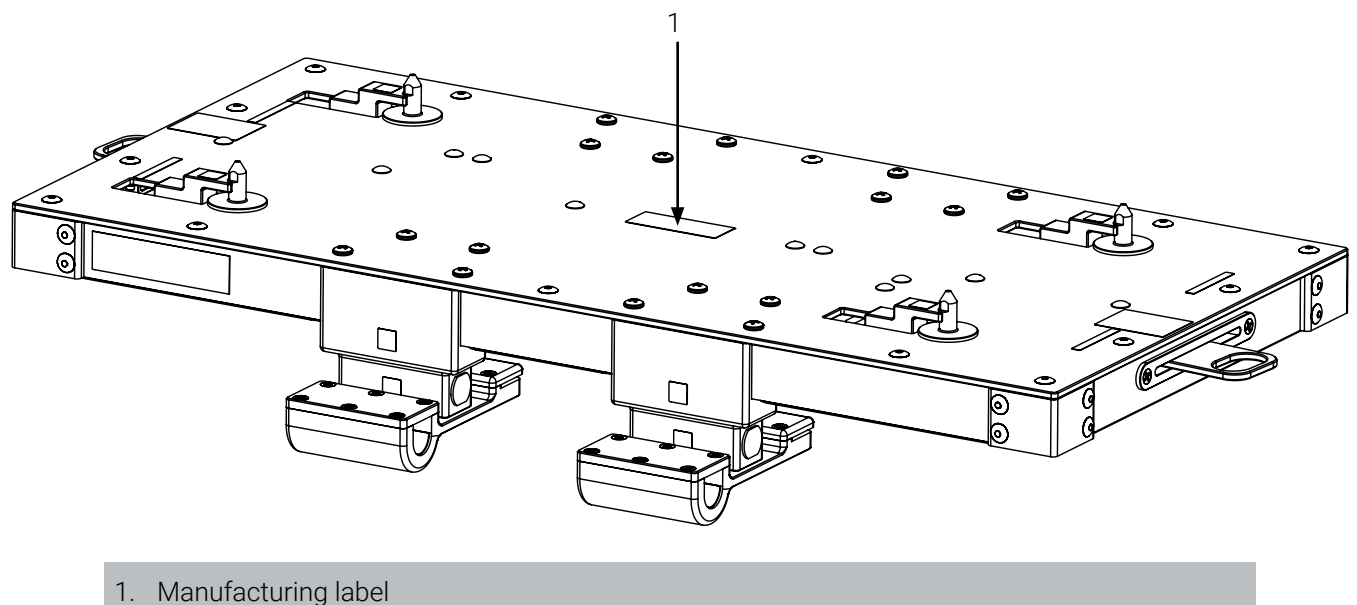


Figure 2: Location of the manufacturing label

2.2.3. Locking Mechanism Identification Labels

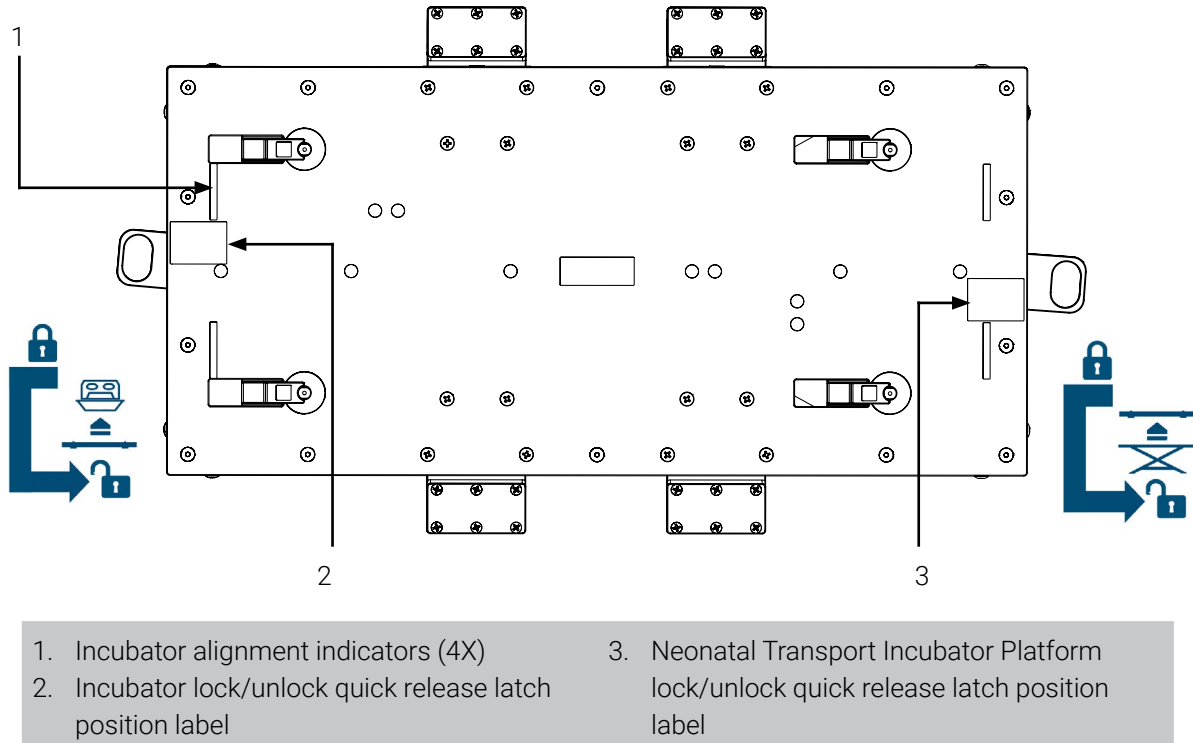


Figure 3: Location of the lock/unlock quick release latch position identification labels

2.3. Safety Measures

Carefully read all the safety measures herein before operating the Technimount product, relay to EMS and clinical personnel during training, and include in your existing protocols.

More specific safety measures intended for biomedical technicians (or equivalent) relating to the safety checks and conditioned-based maintenance can be found in « Annex V Maintenance » on page 35.



WARNING – Hand Crush/Pinch Point

- **Do not** put your hands and fingers under the incubator when installing the Isolette TI500 on the mounting solution to avoid injury.
- Keep hands and fingers away from the incubator anchors when installing the Isolette TI500 on the mounting solution to avoid injury.
- Keep hands and fingers away from the clamp blocks when installing or removing the mounting solution to avoid injury.



WARNING – Risk of Injury

- Always use compatible mounting systems and medical devices when applicable, to avoid unpredictable functioning resulting injury to the patients or EMS and clinical personnel. Refer to the « Technical Specifications » on page 14 for compatibilities.
- Improper use of the Technimount product may damage it or cause injury to the patients or EMS and clinical personnel.
- If any serious incident occurs with the mounting solution, immediately stop using the product, report this incident to Technical Support at technicalsupport@technimount.com and the applicable regulatory agency.



CAUTION – Safe Practice

- Always pay close attention to the condition of the safety mechanisms, to prevent undue risk to the mounting solution, patients, and EMS and clinical personnel.
- Practice safely operating the mounting solution until the manipulations have been perfected, before use with patients. Improper use of a Technimount product may damage it or cause injury to the patients or EMS and clinical personnel.
- Regulations and standards for safety are the sole responsibility of the end user. Ensure that the installation specifications meet the local and regional compliance requirements before use.



CAUTION – Safe Handling and Operation

- Before moving the stretcher, always ensure the mounting solution is secured in the clamp block, the incubator is secured in the anchors of the platform and that the locking mechanisms are secured with the latches in the locked positions.
- Before installing/removing the mounting solution on/from the stretcher, always ensure that the incubator has been removed from the platform.



CAUTION – Working Load/Load Balance

Do not overload the mounting solution to avoid tipping incidents or risks of collapsing. The total Safe Working Load (SWL) is 150 lb (68.2 kg).

**CAUTION – Two (2) Person Lift**

When manually lifting the mounting solution, two (2) trained EMS and clinical personnel are required to safely lift the Technimount product.

**CAUTION – Follow the Instruction for Use**

- Always read and abide by all the safety guidelines identified, as well as follow instructions provided within the user manual of the Technimount product.
- The Neonatal Transport Incubator Platform was designed to secure the Isolette TI500. Refer to the manufacturer's user documentation for the safety guidelines and safe use of the incubator.
- The Neonatal Transport Incubator Platform was designed to be installed on a LifePort AeroSled TS, AS1-001 stretcher using the XClamp - LP clamp blocks. Refer to the manufacturer's user documentation for the safety guidelines and safe use of the stretcher.

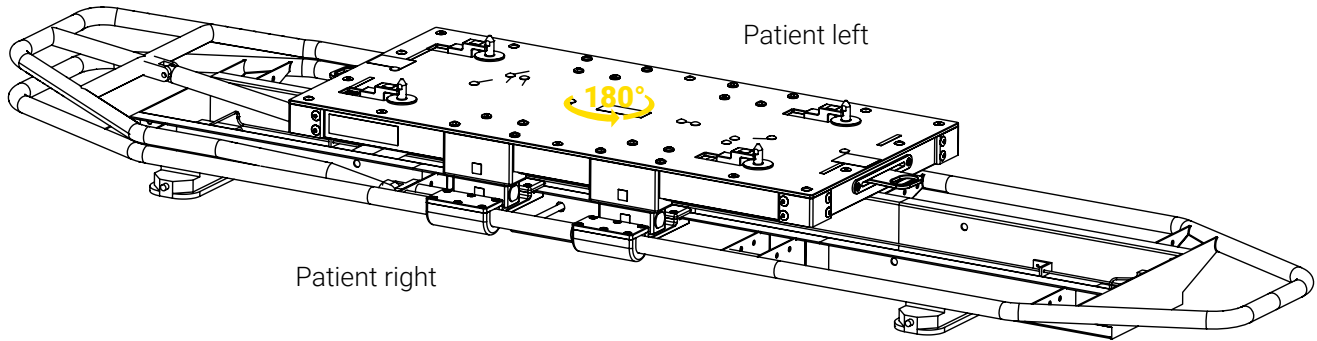
3. Technical Specifications

Product Name	Neonatal Transport Incubator Platform
Description	Mounting solution designed to aid trained EMS and clinical personnel securely move the Dräger Isolette® TI500 incubator that is essential to neonates during air EMS transport or interhospital transfers
Product Code	<ul style="list-style-type: none"> - 2909-00-NTIP-FL (Neonatal Transport Incubator Platform) - 2909-10-NTIP-FL (XClamp™ - LP clamp block)
Operating Environment	EMS/CCT (air)
Compliance	Designed to comply with FAA, 14 CFR § 23 & 25 (applicable sections)
Expected Service Life	5 years
Compatible Stretcher	LifePort AeroSled TS, AS1-001
Compatible Mounting System	XClamp™ - LP clamp block
Compatible Medical Devices/ Accessories	Dräger Isolette® TI500
Dimensions (L X P X H)	<ul style="list-style-type: none"> - Neonatal Transport Incubator Platform: 30.5 in. X 18.65 in. X 3.52 in. (77.47 cm X 45.72 cm X 7.52 cm), w/o stretcher or incubator - XClamp™ - LP: 5.59 in. X 3.5 in. X 1.75 in. (14.2 cm X 8.89 cm X 4.45 cm)
Weight	<ul style="list-style-type: none"> - Neonatal Transport Incubator Platform: 26.77 lb (12.14 kg), w/o stretcher or incubator - XClamp™ - LP: 1.39 lb (0.45 kg), each (4X)
Composition	<ul style="list-style-type: none"> - Neonatal Transport Incubator Platform: aluminum, stainless steel, bronze, plastic - XClamp™ - LP: aluminum, stainless steel
Total Safe Working Load (SWL)	Neonatal Transport Incubator Platform (w/o stretcher or incubator): 150 lb (68.2 kg)
Operating Temperature	- 31° F to 113° F (- 35° C to 45° C)
Cleaning Solutions	<ul style="list-style-type: none"> - Oxivir®, 5% Hydrogen Peroxide with Peracetic Acid (AHP) - Lavo® 12, 10 000 ppm Sodium Hypochlorite - TNT-100, 5% Quaternary Ammonium Compound - Spectro-Sept, 5% Ethyl Alcohol - Spectrol, 5% EDTA salt
Options	N/A

4. Neonatal Transport Incubator Platform Orientation Diagrams

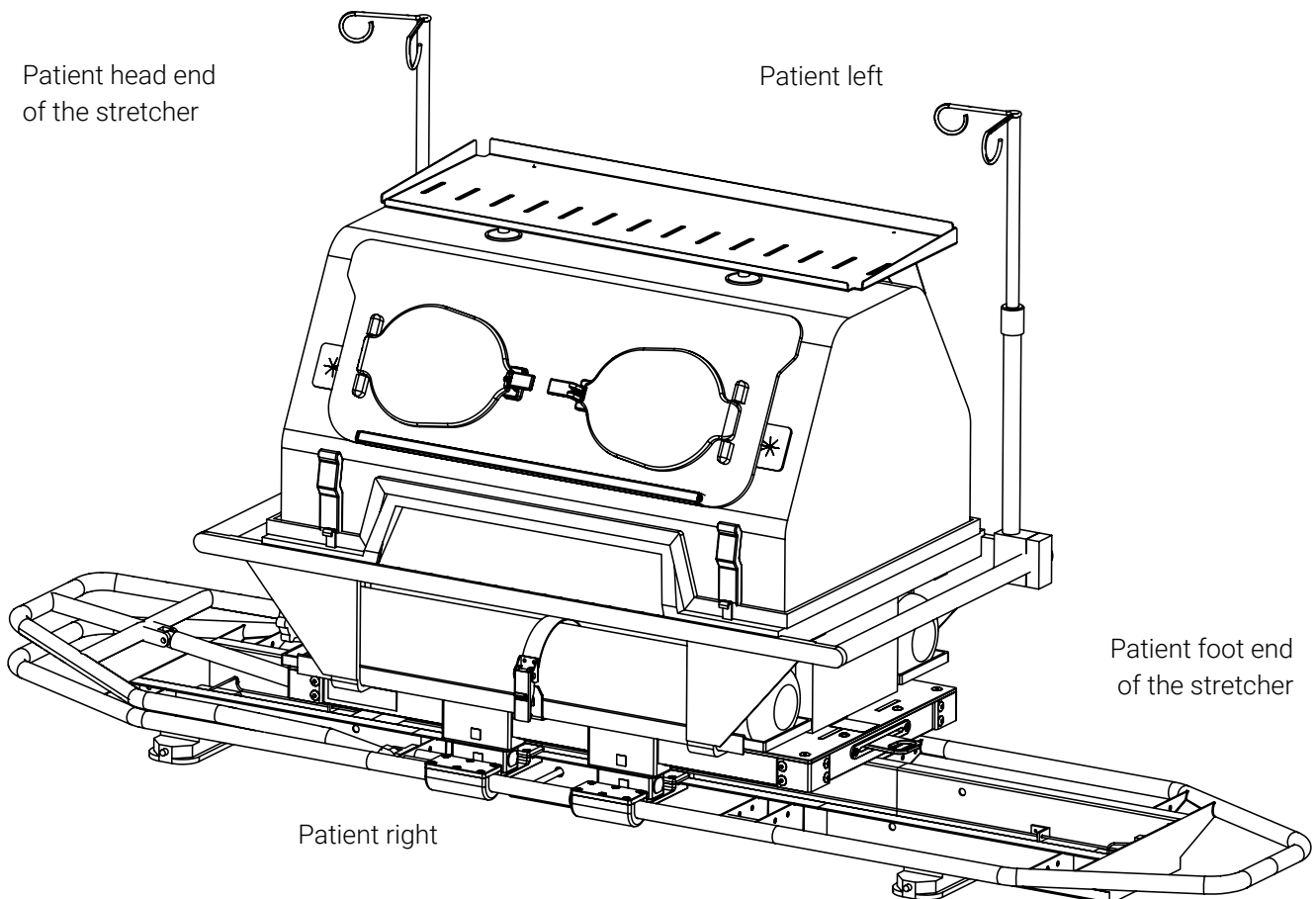
NOTE : The mounting solution is symmetrical and can be installed on both sides of the stretcher (180°). The position of the lock/unlock quick release latches will depend on the orientation of the mounting solution on the stretcher.

Patient head end of the stretcher



Patient foot end of the stretcher

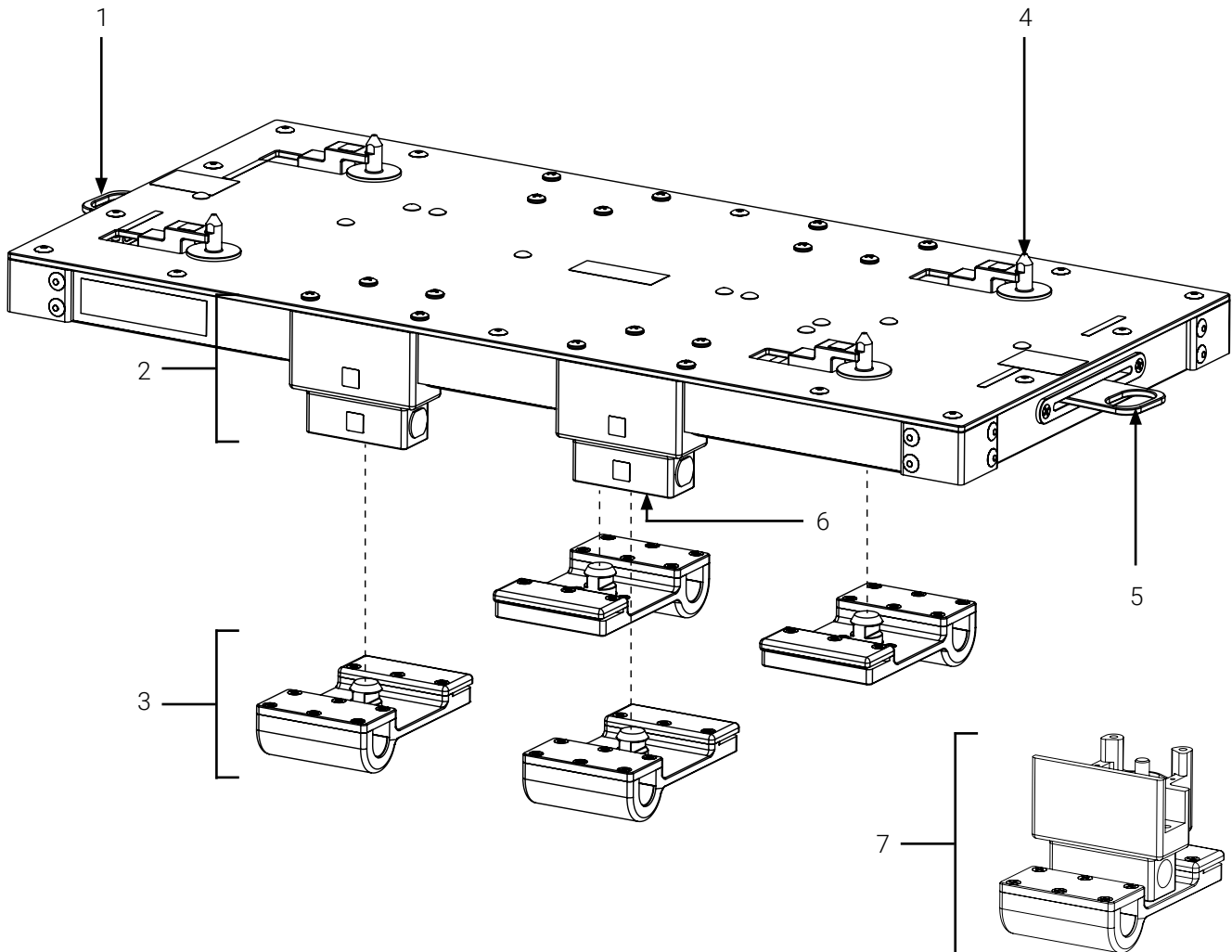
Patient head end
of the stretcher



Patient foot end
of the stretcher

Figure 4: Neonatal Transport Incubator Platform orientation diagram with stretcher and incubator

5. Neonatal Transport Incubator Platform Illustrated Parts



- | | |
|--|--|
| 1. Incubator lock/unlock quick release latch | 4. Incubator anchor (4X) |
| 2. Top part of the XClamp- LP clamp block (4X; factory installed on the Neonatal Transport Incubator Platform) | 5. Neonatal Transport Incubator Platform lock/unlock quick release latch |
| 3. Bottom part of the XClamp- LP clamp block (4X; installed on the stretcher siderail) | 6. Lock pin (2 inside each locking mechanism) |
| | 7. XClamp- LP, 2-part clamp block (4X) |

Figure 5: Neonatal Transport Incubator Platform components

6. Operate the Neonatal Transport Incubator Platform

The contents in this section is intended for EMS and clinical personnel who are proficient, have received the required training and passed the skills assessment, therefore sufficiently knowledgeable to safely operate the mounting solution.

NOTE : Illustrations throughout this user documentation show the incubator lock/unlock quick release latch at patient head end, and the Neonatal Transport Incubator Platform lock/unlock quick release latch at patient foot end. Refer to the position labels on each end of the mounting solution, since the position of the lock/unlock quick release latches could be reversed in your situation.

6.1. Install the Neonatal Transport Incubator Platform on the Stretcher

1. Prepare the stretcher. Refer to the stretcher's user instructions for the safety guidelines and safe use of the stretcher if needed.
 - Remove all the medical devices and accessories from the stretcher.
 - Lower the backrest to the lowest position.
 - Remove the mattress.
2. Ensure that the incubator has been removed from the mounting solution. Refer to « Remove the Isolette TI500 Incubator from the Neonatal Transport Incubator Platform » on page 21 if needed.
3. Lift the mounting solution at the extremities, then aligning with the clamp bocks, set the platform on the stretcher (Figure 6). Refer to the « 2.3. Safety Measures » on page 12 for the safe lifting technique requirements.

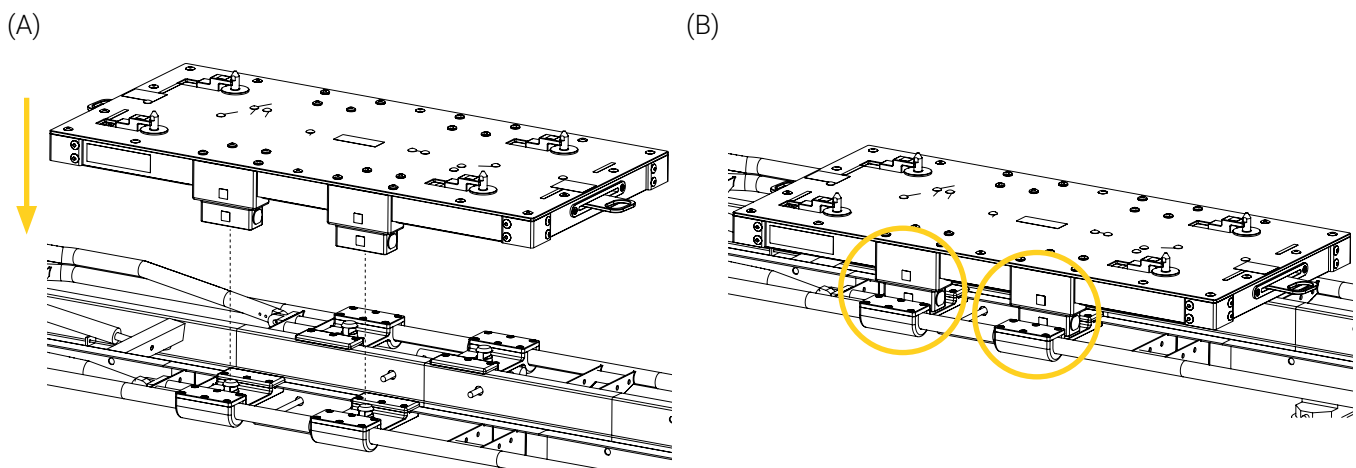


Figure 6: Installing the Neonatal Transport Incubator Platform on the stretcher

4. Press on the mounting solution until all four (4), 2-part clamp blocks lock together (Figure 7).

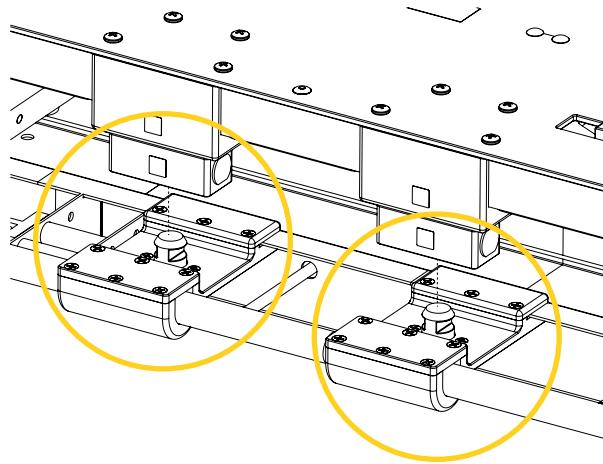


Figure 7: 2-part clamp blocks connected (2 of 4 XClamp - LP illustrated)

5. At patient foot end, locate the Neonatal Transport Incubator Platform lock/unlock quick release latch, and verify its position. It should be retracted towards patient right in the locked position (Figure 8 A). If unlocked (Figure 8 B), move the latch towards patient left, insert it, then move it towards patient right (Figure 8 C) to lock the mounting solution on the stretcher.

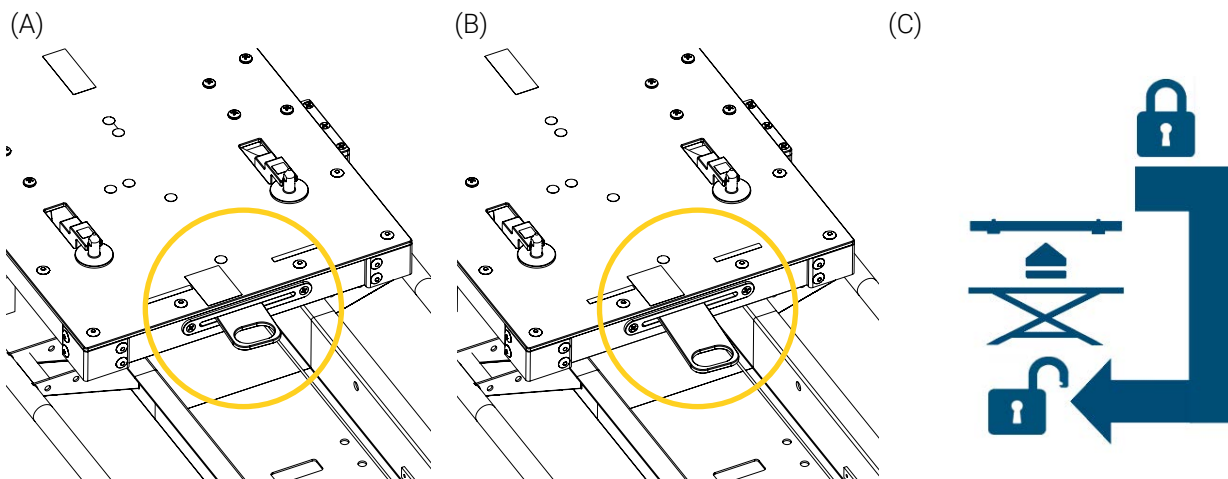


Figure 8: Neonatal Transport Incubator Platform locking mechanism - Patient foot end

6. Lift and lower the mounting solution a few times, to ensure that the locking mechanism is functional and properly engaged.

The installation of the Neonatal Transport Incubator Platform on the stretcher is complete.

6.2. Remove the Neonatal Transport Incubator Platform from the Stretcher

1. Ensure that the incubator has been removed from the mounting solution. Refer to « Remove the Isolette TI500 Incubator from the Neonatal Transport Incubator Platform » on page 21 if needed.
2. At patient foot end, locate the Neonatal Transport Incubator Platform lock/unlock quick release latch. It should be retracted towards patient right in the locked position (Figure 9 A).
3. Move the quick release latch towards patient left, pull out the latch, then move it towards patient right (Figure 9 B) to unlock the mounting solution from the stretcher (Figure 9 C).

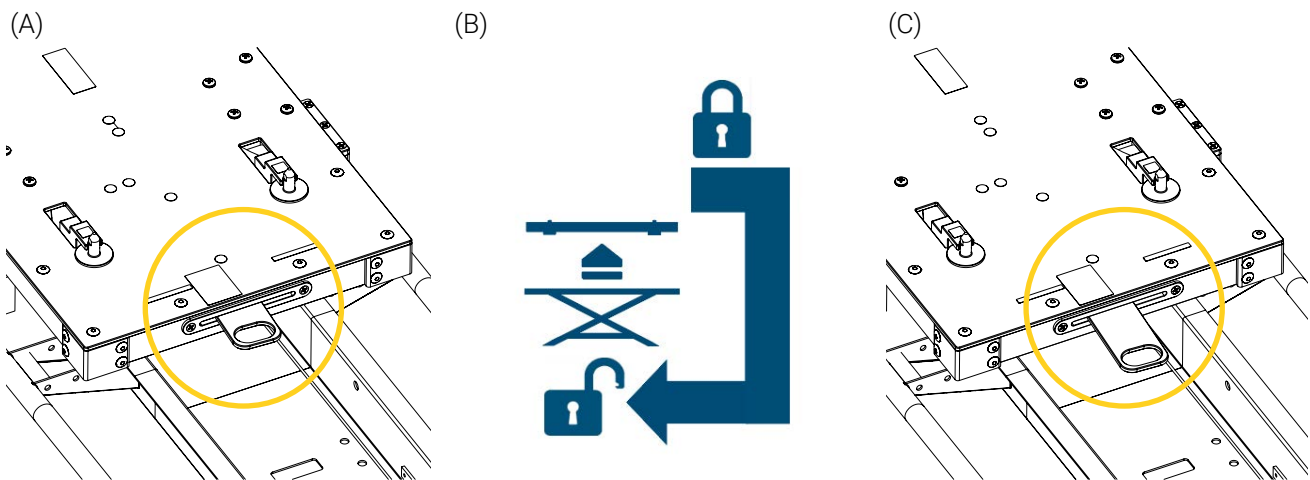


Figure 9: Unlocking the Neonatal Transport Incubator Platform - Patient foot end

4. Lift the mounting solution at the extremities and remove it from the stretcher (Figure 6). Refer to the « 2.3. Safety Measures » on page 12 for the safe lifting technique requirements.

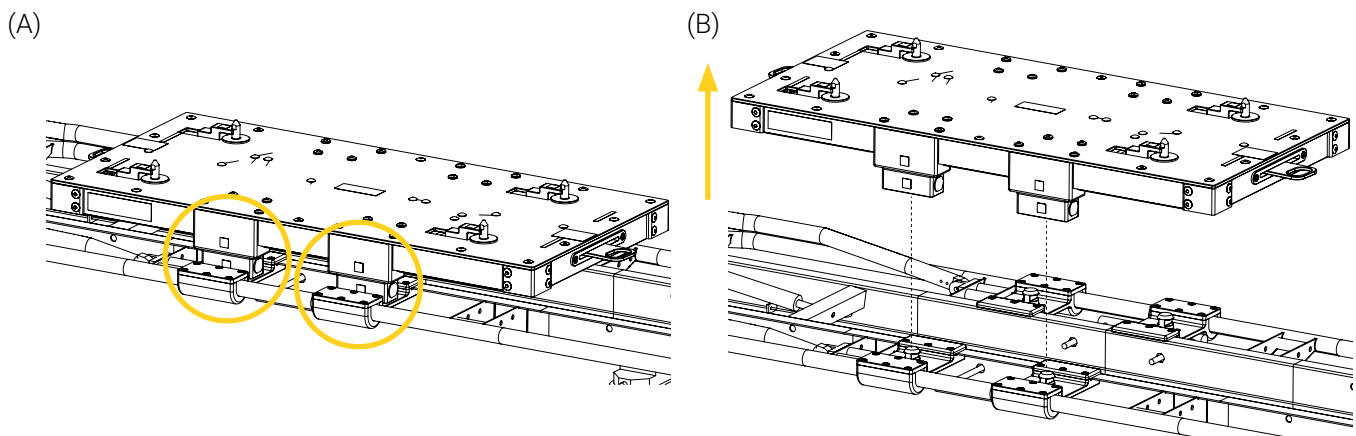


Figure 10: Removing the Neonatal Transport Incubator Platform - Patient foot end

5. Store the mounting solution in its dedicated storage space. Refer to and follow your established protocols if needed.

The removal of the Neonatal Transport Incubator Platform from the stretcher is complete

6.3. Install the Isolette TI500 Incubator on the Neonatal Transport Incubator Platform

1. At patient head end, locate the quick release latch. It should be retracted towards patient left in the locked position (Figure 11 A).
2. Move the quick release latch towards patient right, pull out the latch, then move it towards patient left (Figure 11 B) to unlock the incubator from the mounting solution (Figure 11 C).

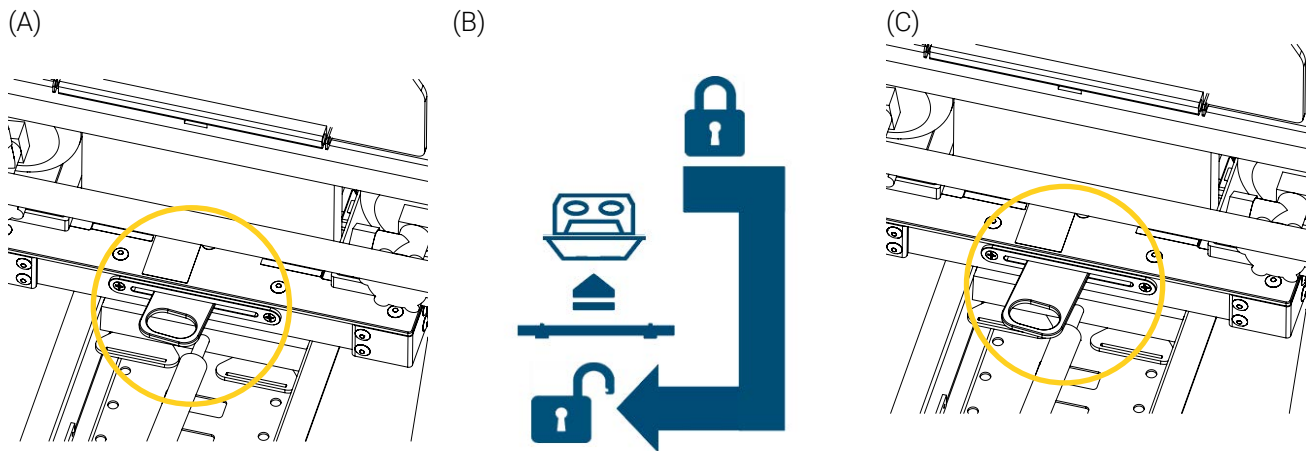


Figure 11: Unlocking the incubator - Patient head end

3. Lift and place the incubator at the center of the mounting solution (Figure 12), aligning the edges of the incubator with the alignment indicators on the mounting solution.

NOTE : When lifting the incubator, use the recommended safe lifting technique. Refer to the « 2.3. Safety Measures » on page 12 for the safe lifting technique requirements.

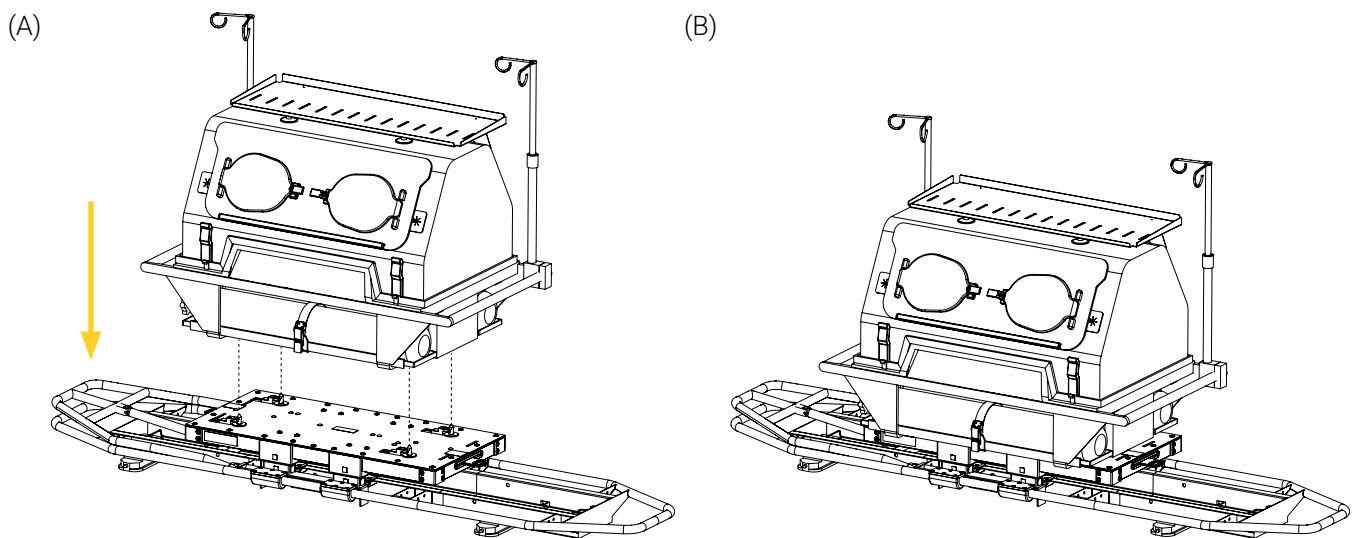


Figure 12: Installing the incubator

4. Move the quick release latch towards patient right, insert the latch, then move it towards patient left to lock the incubator on the mounting solution (Figure 13).

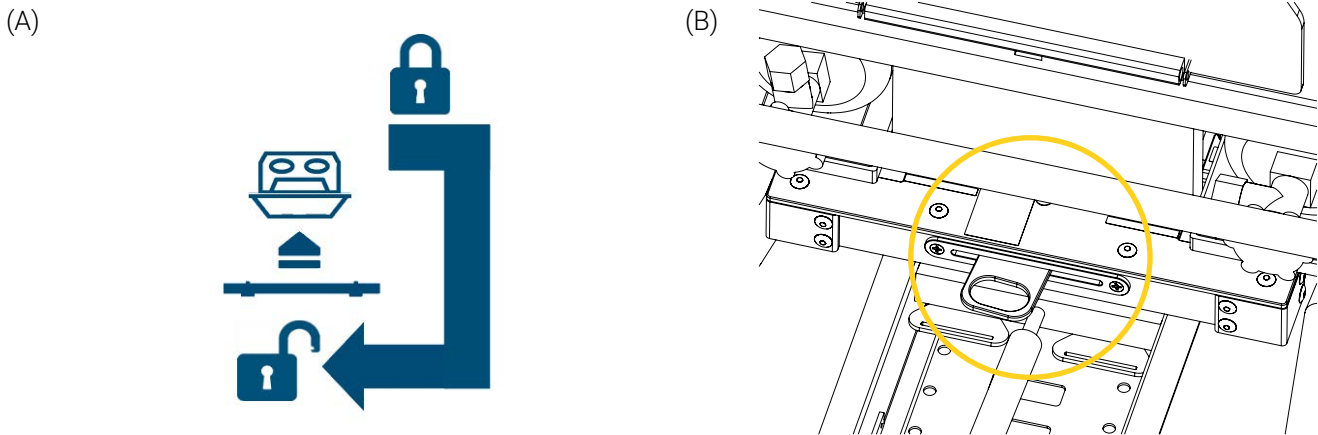


Figure 13: Locking the incubator - Patient head end

5. Lift and lower the incubator a few times, to ensure that the locking mechanism is functional and properly engaged.

The installation of the Isolette TI500 incubator on the Neonatal Transport Incubator Platform is complete.

6.4. Remove the Isolette TI500 Incubator from the Neonatal Transport Incubator Platform

1. At patient head end, locate the incubator lock/unlock quick release latch, and verify its position. It should be retracted towards patient left in the locked position (Figure 14 A).
2. Move the quick release latch towards patient right, pull out the latch, then move it towards patient left (Figure 14 B) to unlock the incubator from the Neonatal Transport Incubator Platform (Figure 14 C).

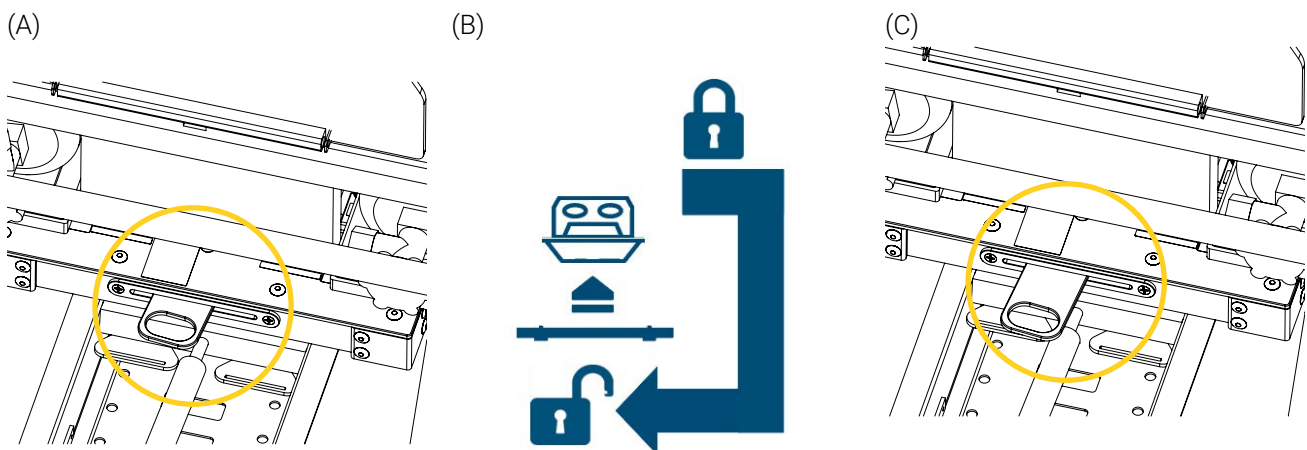


Figure 14: Unlocking the incubator - Patient head end

3. Lift and remove the incubator from the mounting solution (Figure 15), then set it aside.

NOTE : When lifting the incubator, use the recommended safe lifting technique. Refer to the « 2.3. Safety Measures » on page 12 for the safe lifting technique requirements.

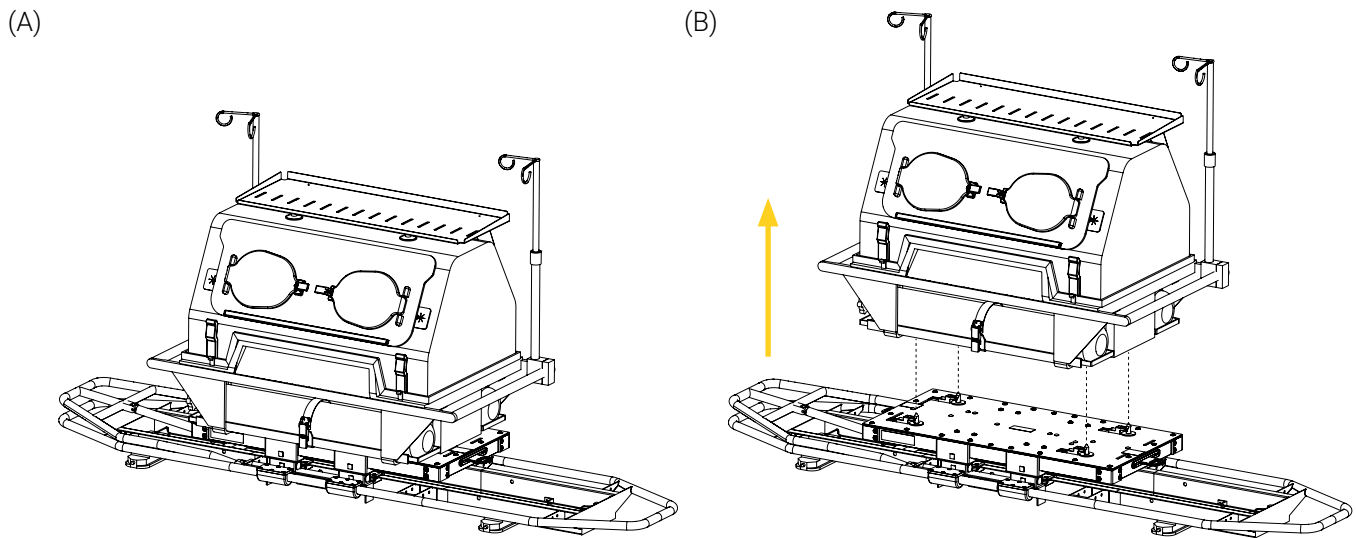


Figure 15: Removing the incubator

The removal of the Isolette T1500 incubator from the Neonatal Transport Incubator Platform is complete.

Annex I EMS and clinical personnel Skills Assessment

Following training, a skills assessment should be given to each member of the EMS and clinical personnel to ensure they have fully comprehended the labelling, warnings and cautions, potential risks, safe practices and proper operating procedures needed to safely and effectively use the mounting solution. Consider adding the following to your internal training protocols.

Trainee name: _____ Unit: _____

Assessor name: _____ Date: _____

EMS AND CLINICAL PERSONNEL SKILLS ASSESSMENT

SKILL CRITERIA	PASSED	FAILED
----------------	--------	--------

Labelling

Able to identify meaning and potential risks associated with the different safety labels:

- | | | |
|---|--------------------------|--------------------------|
| - Do Not Sit | <input type="checkbox"/> | <input type="checkbox"/> |
| - Total Safe Working Load | <input type="checkbox"/> | <input type="checkbox"/> |
| - Hand Crush/Pinch Point | <input type="checkbox"/> | <input type="checkbox"/> |
| - Incubator locking mechanism | <input type="checkbox"/> | <input type="checkbox"/> |
| - Neonatal Transport Incubator Platform locking mechanism | <input type="checkbox"/> | <input type="checkbox"/> |

Safety Measures

- | | | |
|---|--------------------------|--------------------------|
| - Knows not to put hands and fingers under the incubator when installing the Isolette TI500 on the mounting solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Know to keep hands and fingers away from the incubator anchors when installing the Isolette TI500 on the mounting solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to keep hands and fingers away from the clamp blocks when installing or removing the mounting solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always pay close attention to the condition of the safety mechanisms. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always ensure the mounting solution is secured in the clamp block, the incubator is secured in the anchors of the platform and that the locking mechanisms are secured with the latches in the locked positions before moving the stretcher. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always remove the incubator from the mounting solution before it is installed/removed from the stretcher. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows not to overload the mounting solution and its components. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows that two (2) trained EMS and clinical personnel are required to move the mounting solution. | <input type="checkbox"/> | <input type="checkbox"/> |

EMS AND CLINICAL PERSONNEL SKILLS ASSESSMENT

SKILL CRITERIA	PASSED	FAILED
<ul style="list-style-type: none"> - Knows to refer to the user documentation of the incubator and stretcher used with the mounting solution for the safety guidelines and user instructions. 	<input type="checkbox"/>	<input type="checkbox"/>
Operation		
<ul style="list-style-type: none"> - Able install/remove the Neonatal Transport Incubator Platform on/from the stretcher. 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> - Able install/remove the Isolette TI500 incubator on/from the Neonatal Transport Incubator Platform. 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> - Has practiced safely operating the mounting solution, has perfected the manipulations and has acquired the required skill level to safely use with patient. 	<input type="checkbox"/>	<input type="checkbox"/>

Annex II Unpack the Neonatal Transport Incubator Platform

Unpacking should be reserved for biomedical technicians (or equivalent) who have extensive mechanical experience, and advanced skill level.

1. Inspect the shipping box(es) for signs of damage before accepting shipment. Take pictures and report them promptly when applicable.
2. Move the shipping box(es) to the location of the installation.
3. Open the shipping box(es).
4. Unpack the box(es) and ensure that all shipping and packaging materials have been properly removed, prior to installation.

NOTE : Keep all packaging material for future use.

5. Identify all the components and hardware included for the installation when applicable, then set aside. Refer to Annex III on page 27 for the required parts.
6. Inspect the items for signs of damage. Take pictures and report them promptly when applicable.

Annex III Prepare the mounting solution

The contents in this section is intended for biomedical technicians (or equivalent) who have extensive mechanical experience, and advanced skill level and have read the « Safety Measures » on page 12.

Required Installation Time


90 minutes

NOTE : This estimation will vary depending on the biomedical's (or equivalent) proficiency, knowledgeability, as well as your product configuration. Subsequent installations and adjustments of the mounting solution should take sensibly the same time, or shorter.

Required Reference Documents

- LifePort AeroSled TS, AS1-001 user documentation
- Dräger Isolette TI500 user documentation (provided by incubator manufacturer)

Required Tools

- Phillips screwdriver #2 and #3
- Torque wrench
- Medium strength thread lock adhesive (herein illustrated as )

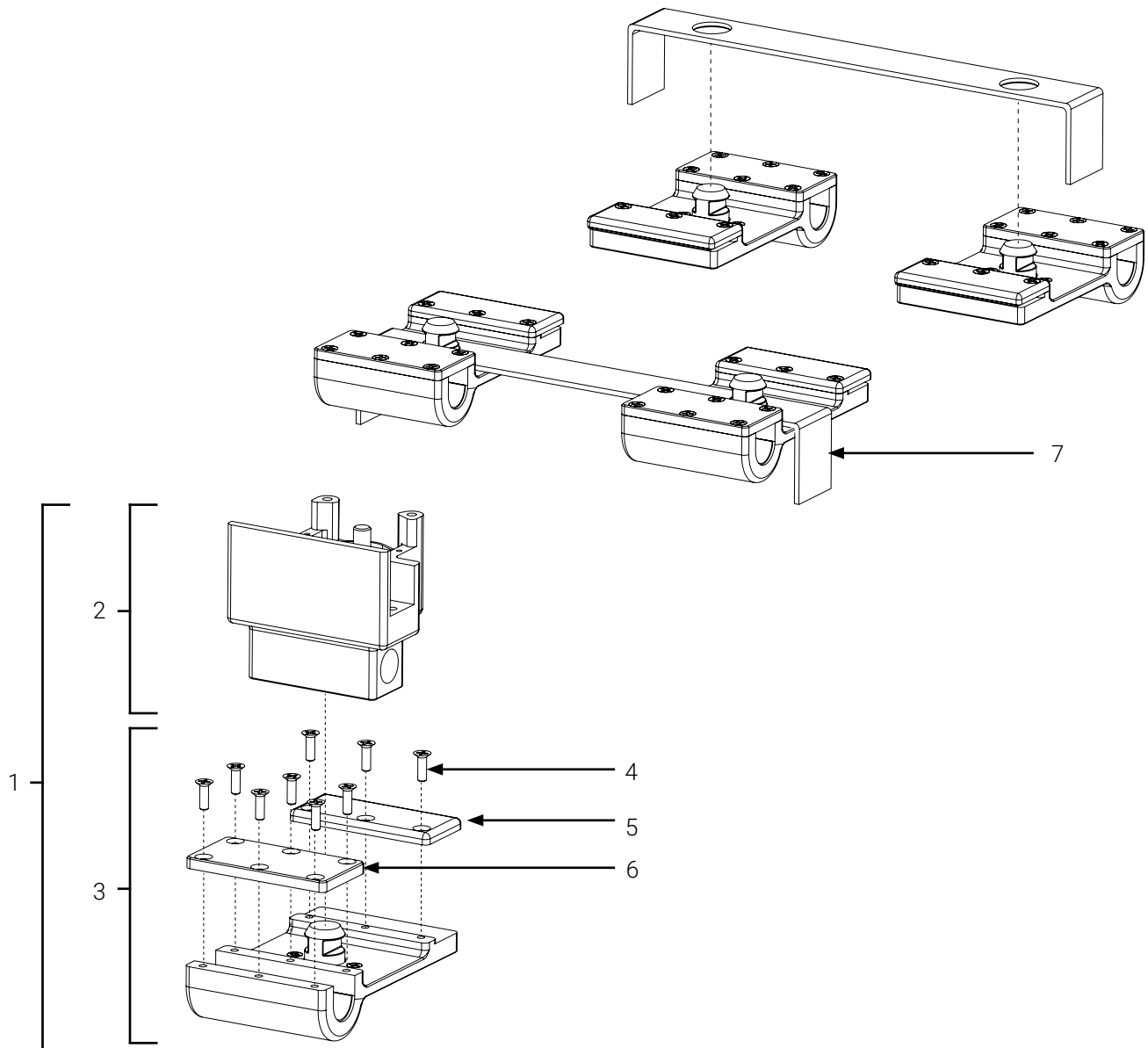
Prepare the Stretcher

Refer to the stretcher's user instructions for the safety guidelines and safe use of the stretcher if needed:

- Remove all the medical devices and accessories from the stretcher.
- Lower the backrest to the lowest position.
- Remove the mattress.

Annex IV Install the Neonatal Transport Incubator Platform on the Stretcher

1. Identify the components included in the XClamp - LP clamp block assembly (Figure 16).



- | | |
|--|---|
| 1. XClamp - LP, 2-part clamp block (4X total) | 4. Flat head screw 10 - 32 x 5/8 in. (36X) |
| 2. Top part of the XClamp- LP clamp block (4X; factory installed on the Neonatal Transport Incubator Platform) | 5. 3-hole top plate of the clamp block (4X) |
| 3. Bottom part of the XClamp- LP clamp block (4X; installed on the stretcher siderail) | 6. 6-hole top plate of the clamp block (4X) |
| | 7. Assembly jig (2X) |

Figure 16: XClamp - LP clamp block parts

2. Unscrew the nine (9) screws of the clamp block using a Phillips screwdriver to separate the three (3) parts of all four (4) clamp blocks (Figure 17).

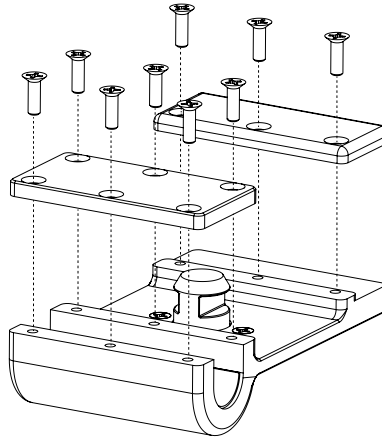


Figure 17: Separating the clamp block parts

3. In the mid-section of the stretcher on patient right, place and hold the bottom part of a clamp block under the stretcher siderail, then place the 6-hole top plate and 3-hole top plate over the stretcher siderail (Figure 18 A) and partially tighten using nine (9) screws, medium strength thread lock adhesive and a Phillips screwdriver.
4. Repeat step 3 to install a second clamp block in the mid-section of the stretcher on patient right (Figure 18 B).

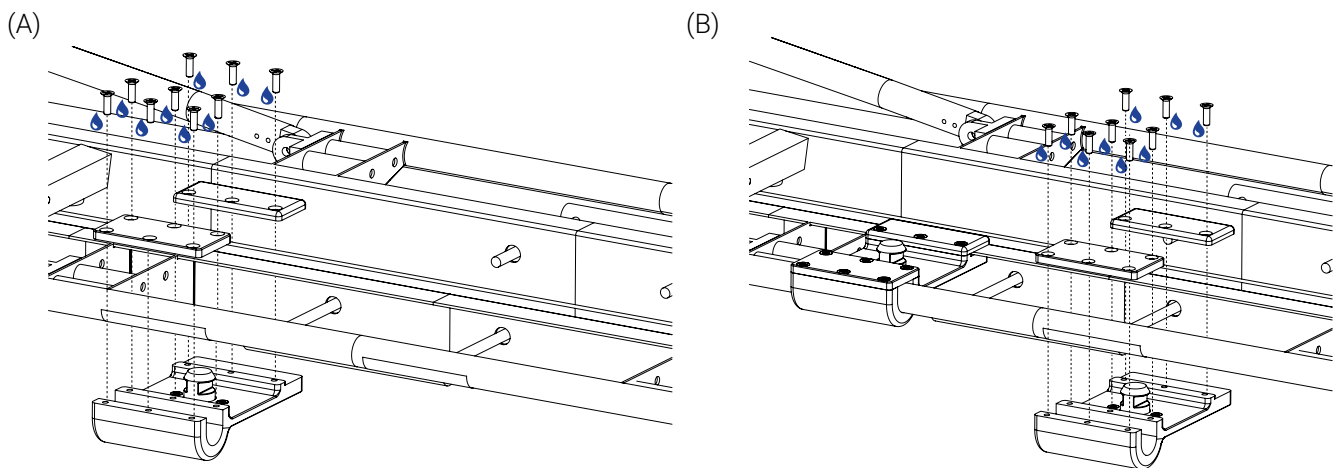


Figure 18: Partial installation of the clamp blocks - Patient right

5. Place the assembly jig over the clamp blocks (Figure 19).

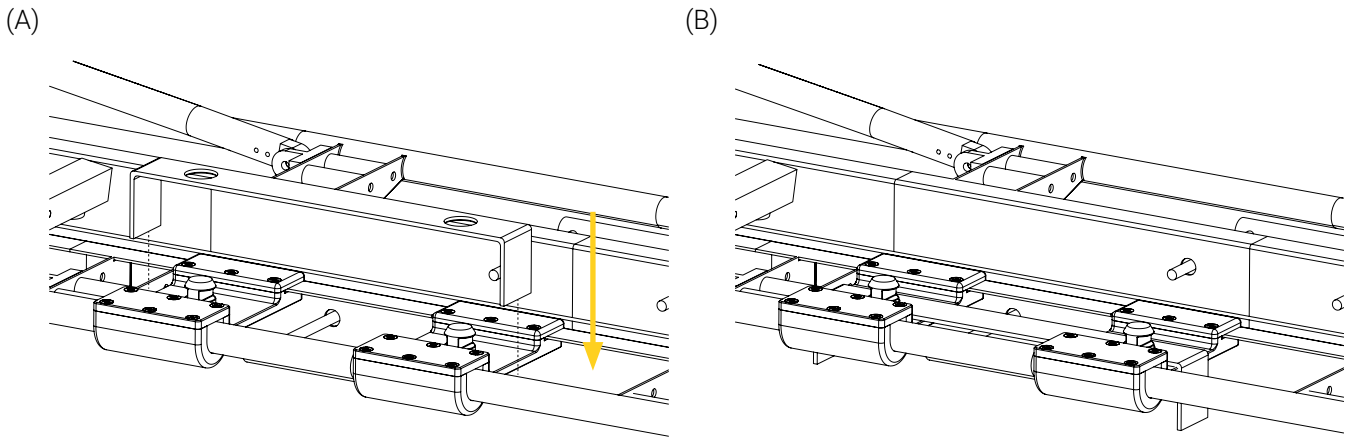


Figure 19: Installing the assembly jig

6. Move the clamp blocks and assembly jig 0.5 in. (1.27 cm) away from the stretcher frame towards patient head end (Figure 20).

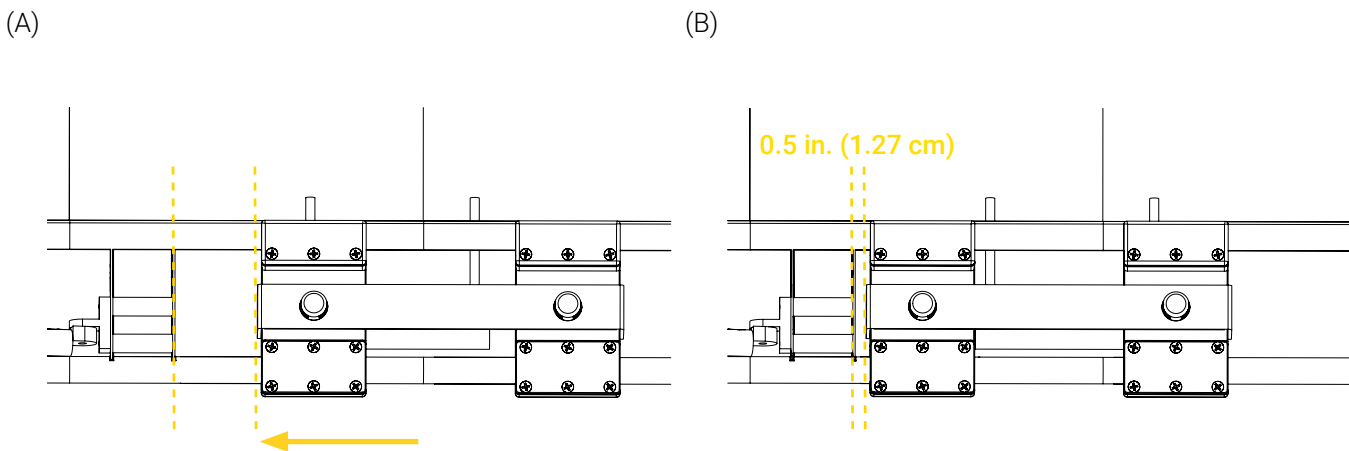


Figure 20: Positioning the clamp blocks and assembly jig

- Repeat steps 3 to 6 to install the two (2) clamp blocks on patient left (Figure 21).

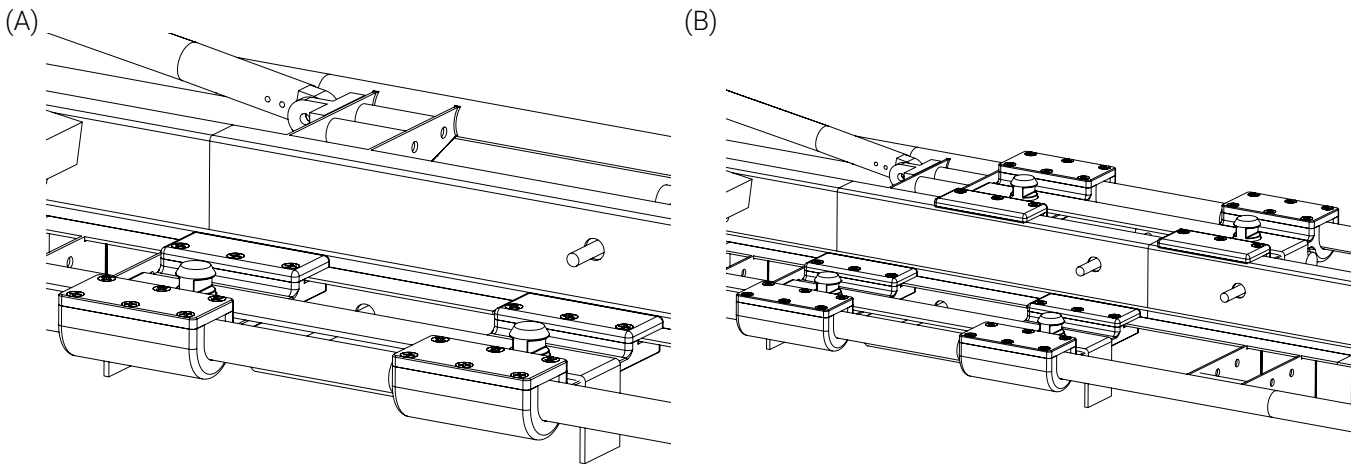


Figure 21: Partial installation of the clamp blocks - Patient left

- Remove the jigs and store them for future use, following your protocols. They will not be reused during this assembly.
- Lift the mounting solution at the extremities, then aligning with the clamp blocks, set the platform on the stretcher (Figure 22). Refer to the « 2.3. Safety Measures » on page 12 for the safe lifting technique requirements.

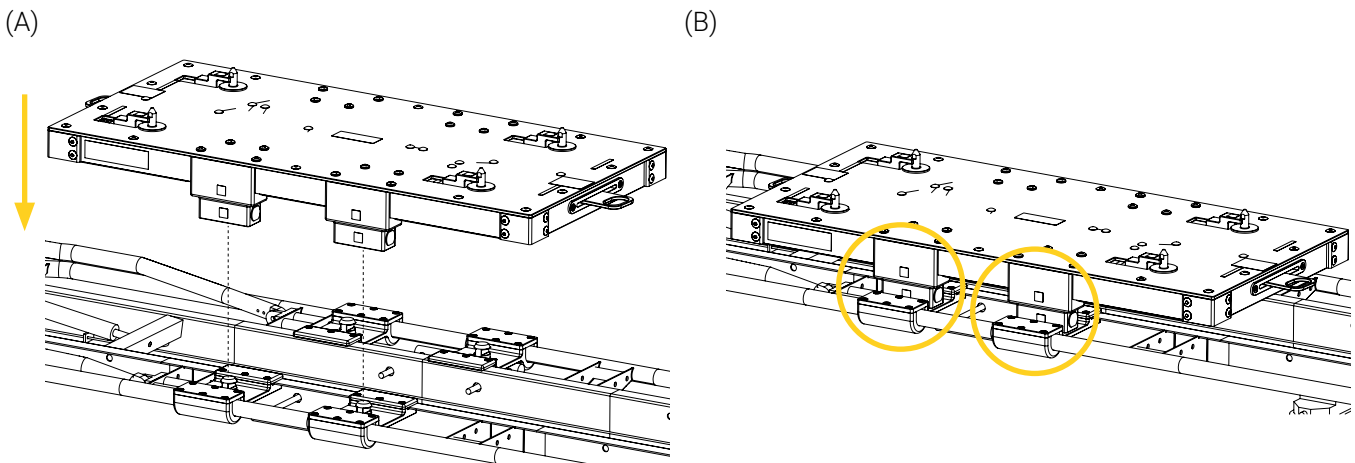


Figure 22: Installing the mounting solution on the clamp blocks

- Press on the mounting solution until all four (4), 2-part clamp blocks connect together (Figure 23). Ensure that the 2 parts of the clamp blocks are aligned and that there is no resistance felt when pressing on the platform to engage the locking mechanisms. If so, adjust the position of the partially tightened clamp blocks until they are perfectly aligned and that there is no more resistance felt when the 2-parts of the clamp blocks lock together.

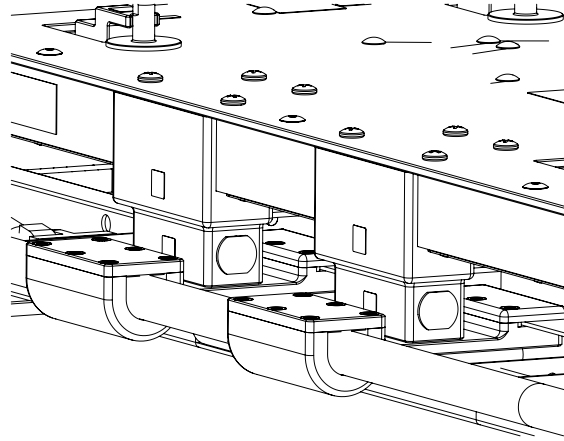


Figure 23: 2-part clamp blocks connected (2 of 4 XClamp - LP illustrated)

- Tighten the twenty-four (24) apparent screws (Figure 24 A) in an alternating pattern using a Phillips head screwdriver. A 30in.-lb torque is recommended.
- Remove the platform, then tighten the twelve (12) remaining screws (Figure 24 B) in an alternating pattern using a Phillips head screwdriver. A 30 in.-lb torque is recommended.

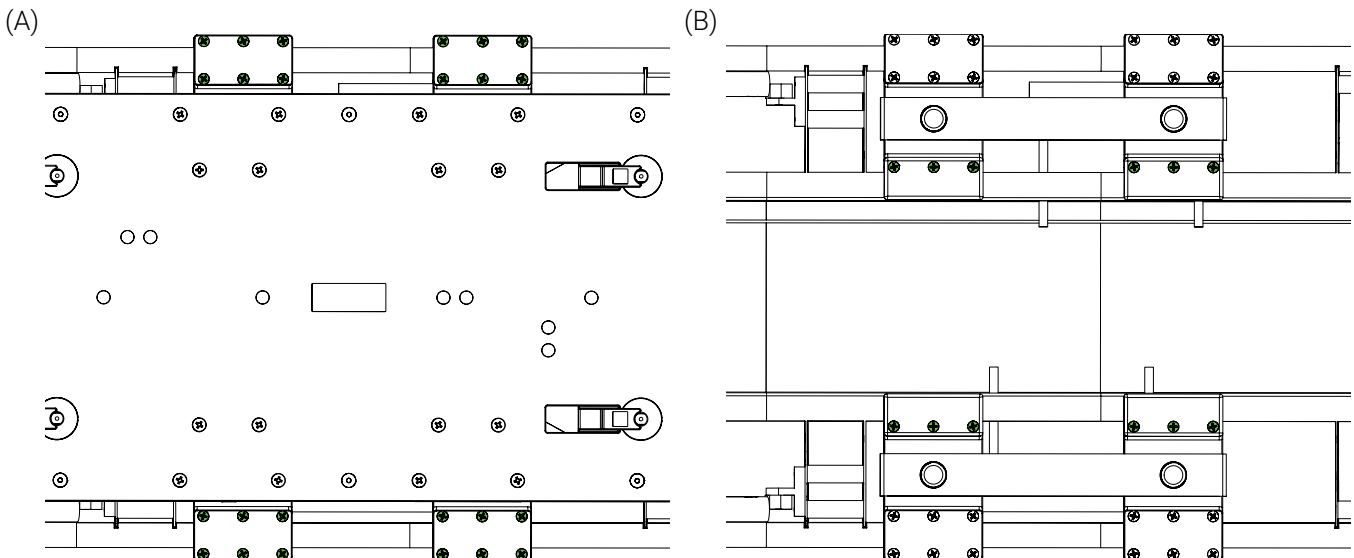


Figure 24: Tightening the clamp block screws

- Repeat the an alternating pattern until all thirty-six (36) screws have been tightened and torqued at the recommended 30 in.-lb.

14. Reinstall the mounting solution on the stretcher.
15. Lift and lower the mounting solution a few times, to ensure that the locking mechanism is functional and properly engaged.

The installation of the Neonatal Transport Incubator Platform on the stretcher is complete.

Annex V Maintenance

Safety checks and condition-based maintenance should be carried out by biomedical technicians (or equivalent) who have extensive mechanical experience, and advanced skill level and have read all the « Safety Measures » on page 12, and the maintenance specific safety measures listed below.

Factors such as weather, environment, geographical location and individual usage will necessitate different needs. For the maintenance of the Neonatal Transport Incubator Platform, follow the guidelines listed herein and in accordance with your service's current maintenance practices and protocols. Please contact Technical Support at techsupport@technimount.com for replacement parts or repair related issues, if needed.



WARNING – General Warning

- **Do not** perform safety checks or condition-based maintenance before having read the entire content of the user manual, gained in-depth knowledge and product comprehension, and familiarized yourself with the standards and guidelines.
- Safety checks and a condition-based maintenance plan are required and should be established for all Technimount products.
- Perform the safety checks and maintenance operations as described herein. Failing to follow the recommended maintenance plan or its guidelines could cause premature damage to the product.
- Use only Technimount parts, maintenance procedures, cleaning solutions and lubricants, as described herein. Using unapproved modified parts or procedures for the maintenance of the Technimount product may cause the system to be unstable and could cause injury to the patients or EMS and clinical personnel and void the product warranty.
- Replace damaged or worn-out parts if past their expected service life or when damaged (refer to « Annex VI Replacement Parts/Kits » on page 41). Recycle damaged parts or dispose according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).



CAUTION – Safe Handling and Operation

- **Do not** use powered tools to screw the hardware during installation, as there is a potential risk of damage to the threads.
- **Do not** steam clean or use ultrasonic cleaners on the system or any of its components.
- **Do not** immerse the metal parts/components in water.
- To spot clean, the maximum water temperature should not exceed 180° F/82° C. The maximum water pressure should not exceed 1500 psi/103.5 BAR. If using a high pressure washer, the pressure nozzle must be kept a minimum of 24 in. (61 cm) from the unit.
- When cleaning, always use appropriate Personal Protection Equipment (PPE) based on established protocols (e.g., gloves, eyewear, etc.).



CAUTION – Corrosion

- Always rinse and dry the mounting solution properly after using cleaning products. Certain types of cleaners may leave a corrosive residue on the surface of the product and could cause the premature corrosion of critical components. Refer to the product Safety Data Sheets (SDS) for chemical information or handling, storage and emergency measures in case of accident.
- Dispose of corrosive wastes according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).

**CAUTION – Follow Instructions for Use**

Always read and abide by all the safety guidelines identified, as well as follow instructions provided by the manufacturer of the cleaning product.

Maintenance Frequency

- Safety checks and the condition-based maintenance should be performed minimally every month or as frequently needed, to prolong the longevity of the mounting solution in optimal conditions.
- Decontaminate the mounting solution as recommended in your internal protocols, as well as the regulations and standards in virtue of the infection prevention and control procedures.

Required Tools

- Clean dry cloths
- Soft brush
- Pressure washer
- Cleaning solutions
- Medium strength thread lock adhesive (🔹)
- Phillips screwdriver #2 and #3

Tested Cleaning Solutions

- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP)
- Lavo 12, 10 000 ppm Sodium Hypochlorite
- TNT-100, 5% Quaternary Ammonium Compound
- Spectro-Sept, 5% Ethyl Alcohol
- Spectrol, 5% EDTA salt

Maintenance Plan

NOTE : In case of a non-conformity, stop using the product and contact Technical Support at techsupport@technimount.com immediately for a remedial action plan.

NOTE : Always keep records of your maintenance activities and immediately remove defective or expired products from your inventory.

MAINTENANCE PLAN	COMPLIANT	
SAFETY CHECKS	YES	NO
Neonatal Transport Incubator Platform (Figure 25)		
- Visually inspect the mounting solution components to ensure there is no damage or chemical attack, that the hardware is in good condition and there are no loose screws. If the hardware is loose, apply medium strength thread lock adhesive and tighten using a Phillips screwdriver when needed:	<input type="checkbox"/>	<input type="checkbox"/>
- Platform.		
- Incubator anchor points (4X).		
- Clamp blocks (4X).		
- Visually inspect the cavities of the mounting solution components and make sure there are no lodged particles to ensure proper functioning. If so, immediately remove using a clean dry cloth.	<input type="checkbox"/>	<input type="checkbox"/>
- Neonatal Transport Incubator Platform quick release latch (2X).		
- Incubator anchor points (4X).		
- Clamp block locking mechanism (4X) and lock pin (8X; 2 inside each clamp block).		
- Install/remove the Neonatal Transport Incubator Platform on the stretcher to ensure proper functioning. The Neonatal Transport Incubator Platform should be easily inserted and removed on/from the clamp blocks.	<input type="checkbox"/>	<input type="checkbox"/>
- Lock/unlock the locking mechanisms at each end of the platform and make sure of proper functioning. When locking or unlocking the system, the latches should move from left to right and in and out without resistance.	<input type="checkbox"/>	<input type="checkbox"/>

CONDITION-BASED MAINTENANCE	YES	NO
-----------------------------	-----	----

Following the safety checks,

Clean the Neonatal Transport Incubator Platform

1. Remove the excess dirt using a clean cloth, if needed.
2. Remove the contaminants using a pressure washer or as recommended in your internal protocols and control procedures.
3. Clean using a cloth and cleaning solution.
4. Spot clean stains by applying the solution directly on the stain and let sit on the surface, if needed.

NOTE : Avoid over saturation and ensure that the product does not sit on the surface of the mounting solution longer than recommended by the cleaner's manufacturer.

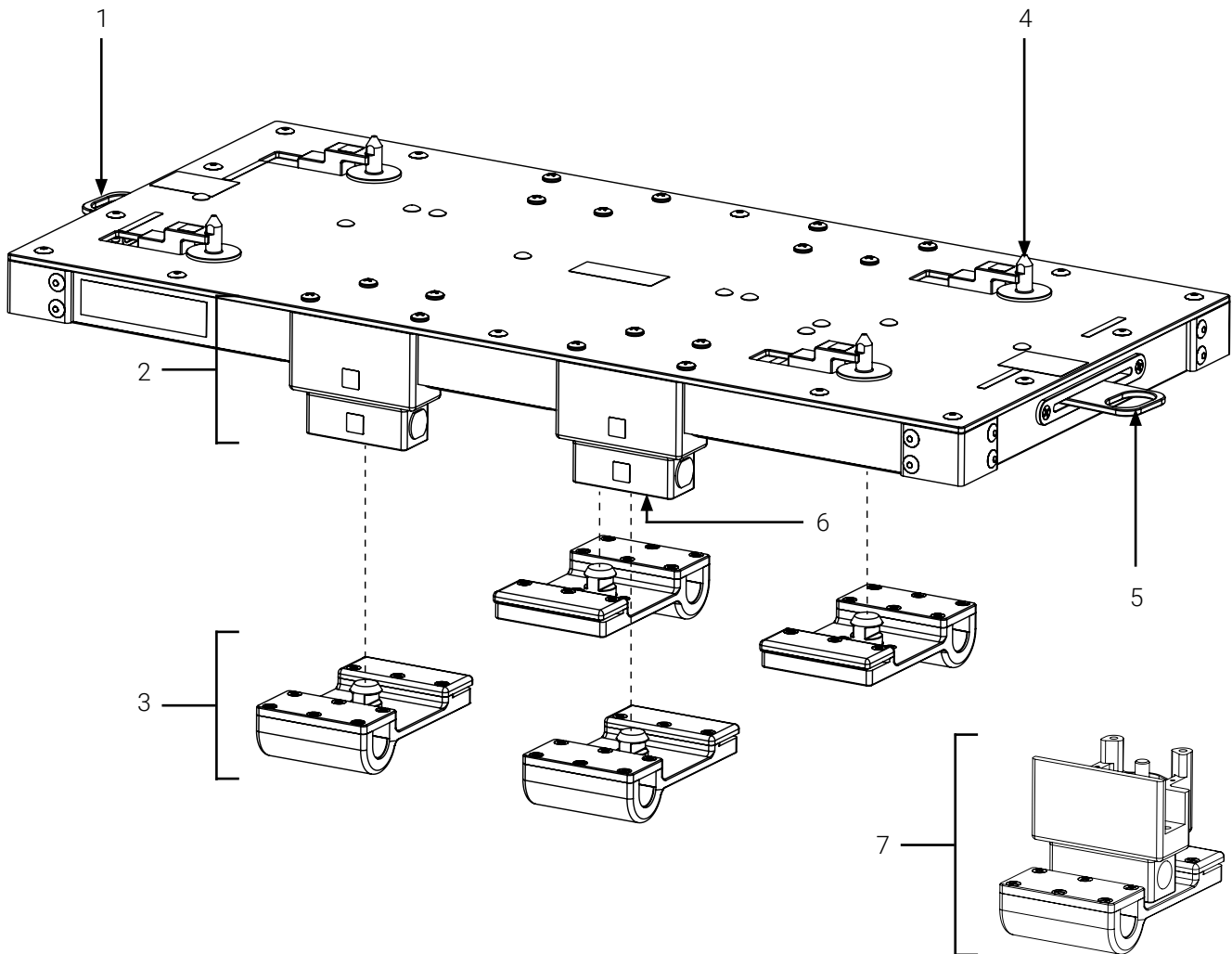
5. Thoroughly rinse the solution with a clean cloth dampened with lukewarm water, then dry all the components using a clean cloth before returning to service.

Comments and observations following the Safety Checks and Condition-Based Maintenance:

Maintenance plan completed on (dd/mm/yyyy):

Maintenance plan completed by:

Illustrated Inspection Points



- | | |
|--|--|
| 1. Incubator lock/unlock quick release latch | 4. Incubator anchor (4X) |
| 2. Top part of the XClamp- LP clamp block (4X; factory installed on the Neonatal Transport Incubator Platform) | 5. Neonatal Transport Incubator Platform lock/unlock quick release latch |
| 3. Bottom part of the XClamp- LP clamp block (4X; installed on the stretcher siderail) | 6. Lock pin (2 inside each locking mechanism) |
| | 7. XClamp- LP, 2-part clamp block (4X) |

Figure 25: Illustrated inspection points

Annex VI Replacement Parts/Kits

Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability, or Technical Support at techsupport@technimount.com for replacement parts/kits or repair related issues.

PART/KIT NUMBER	PART/KIT DESCRIPTION
2909-10-NTIP-FL	Set of four (4) XClamp - LP clamp block (hardware included)



TECHNIMOUNT

EMS®

Technimount EMS offers mounting solutions that can be installed on ambulance counters, walls and stretchers which allows for the equipment to follow the patient throughout the continuum of care. Our unparalleled level of flexibility allows for maximum operability in EMS, hospital and military environments.

Technimount EMS is driven to offer innovative solutions that respond to the unique device management needs of emergency and Critical Care Transport (CCT) teams for ground and air ambulances. Safety is at the core of our values, all Technimount systems are tested in compliance with the highest industry standards for impact resistance. Technimount EMS is committed to developing innovative solutions as healthcare practices evolve.

TECHNIMOUNT E.M.S. HOLDING INC.

3770 Jean Marchand Street, Suite 100-C
Quebec (Quebec) G2C 1Y6
Canada
T + 1 581 700-6613
TF + 1 888 639-2758 (North America)

technimount.com