Field Installation and Usage Instructions

Part No. TMS-1978-03
PENDANT REPLACEMENT

TMS-1978-03 – For All Non-X series Chairs with KOM control box
(Produced prior to February 2012)
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IMPORTANT NOTES ABOUT THIS MANUAL
This Field Installation and Usage Instruction manual is intended to assist you with installation of your TransMotion Medical Product. Carefully read this manual before using the equipment or doing service / maintenance on it. If you are unable to understand the WARNINGS, CAUTIONS, and instructions, contact TransMotion Medical Customer Service before attempting to operate or service the equipment. Otherwise, personal injury or property damage may result.

To ensure safe operation of this device, it is essential that methods and procedures be established for educating and training staff on the safe and effective operation of the product.

TransMotion Medical reserves the right to change specifications without notice.

The information contained in this document is subject to change without notice.

Specifications listed are nominal, and operation may vary slightly from unit to unit due to tolerance variations.

Figures contained within this document may not depict exactly the model you have. This document may cover many closely related models.

SPECIAL NOTES - SIGNAL WORDS
Signal words are used in this manual and apply to hazards which could result in injury or property damage. The following is a definition of those signal words as used in this document:

⚠️ DANGER
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices or potential property damage hazards.

⚠️ NOTICE
Provides important information, makes special instructions clearer, or provides service personnel information to make maintenance easier.
TOOLS REQUIRED

Wire Cutters
Marking Device (Pen)

PARTS INCLUDED WITH PENDANT

Verify that you have all the parts shown. If not, contact TMM Service at 1-800-237-3377.
TMS-1947-03 – Replacement Pendant
Cable Ties

PREPARING CHAIR FOR PENDANT INSTALLATION

1) Use Pendant control to raise the leg section to full upright position and chair to extended height.

NOTICE
If Pendant is not functioning, O2 holder located under seat may be removed to create additional space for lifting base cover.

2) Lock casters by positioning them as shown
3) Lift base cover to expose the control box

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**REMOVING THE OLD PENDANT**

4) Remove tool located next to control box on mounting plate.

5) Place left opening of cable tool onto pendant plug. Press tool into lock tabs while pulling out on plug.
6) Cut cable tie connecting pendant cord to control box mounting plate.

7) Pop black bushing, which pendant cable is mounted to, loose from cover.

8) Feed pendant cord up through hole in base cover.

**NOTICE**
Plug will need to be forced through the gap between the column and cover.

9) Mark location on NEW pendant cord where black bushing is currently cable tied to OLD pendant and cut cable tie.
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<tr>
<td><strong>INSTALLING NEW PENDANT</strong></td>
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</table>
| **10)** Remove and discard O-rings from new pendant plug | ![O-Rings](image1)
| **11)** Feed new pendant cord through hole in base cover. | ![Feed Cord](image2)
| **12)** Cable tie black bushing onto new pendant cord at location previously marked. Trim off excess cable tie and push bushing into hole. | ![Cable Tie](image3)
13) Press new pendant plug into control box until it locks into place.

14) Secure pendant cord to control box mounting plate using cable tie.

15) Reattach tool to mounting plate.

16) Test all functions of pendant to insure it works properly.
17) Align and lower base cover onto frame.

18) Position chair as desired and place it back into service.
INSTRUCTIONS FOR TMM6 SERIES CHAIRS

TOOLS REQUIRED (TMM6)

The tools needed to replace the pendant are as follows:
- Phillips Head Screwdriver
- Socket Wrench
- 3/8” Socket
- Flat Head Screwdriver

PARTS INCLUDED WITH THE PENDANT

Verify that you have all the parts shown. If not, contact TMM Service at 1-800-237-3377.
TMS-1947-03 – Replacement Pendant
- Cable Ties

REMOVING OLD PENDANT (TMM6)

1) Use Pendant Control to raise Leg Section to full upright position and chair to extended height.
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<tr>
<td>2)</td>
<td><strong>Lock casters by positioning them as shown.</strong></td>
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</tbody>
</table>
| 3) | **Using the Phillips head screwdriver, remove the seven button head screws from the front cover and remove the front cover lid.**  

⚠️ **NOTICE**  
Do not discard the seven button head screws. They will be used to re-install front cover lid later. |
| 4) | **Using the Phillips head screwdriver, remove the two button head screws on the front of the cover.**  

⚠️ **NOTICE**  
Do not discard the two button head screws. They will be used to re-install front cover later. |
| 5) | **Remove front cover from base frame.**  

⚠️ **NOTICE**  
Pay close attention to the pendant cord routing in order to route the new pendant cord in the same manner. |
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<tbody>
<tr>
<td>6)</td>
<td>Place left opening of cable tool onto pendant plug. Press tool into lock tabs while pulling out on plug.</td>
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</table>

**INSTALLING NEW PENDANT (TMM6)**

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<tbody>
<tr>
<td>7)</td>
<td>Plug new pendant cable into the control box.</td>
</tr>
<tr>
<td>8)</td>
<td>Test all functions of pendant to insure it works properly.</td>
</tr>
<tr>
<td>9)</td>
<td>Route the new pendant cable matching the routing of the old pendant cable.</td>
</tr>
<tr>
<td>10)</td>
<td>Place front cover onto base frame and install two button head screws. Using the Phillips head screw driver, securely tighten the two button head screws</td>
</tr>
<tr>
<td>11)</td>
<td>Place front cover lid onto front cover and install the seven button head screws. Using Phillips head screw driver, securely tighten the seven button head screws</td>
</tr>
<tr>
<td>12)</td>
<td>Position the chair as desired and place back into service</td>
</tr>
</tbody>
</table>
USING NEW PENDANT

⚠️ PENDANT CAN NO LONGER BE STORED AT LOCATION SHOWN

Remove label and discard to prevent confusion.

⚠️ CAUTION
PENDANT IS NOT INTENDED FOR PATIENT’S USE
To prevent damage, pendant can be stored at various locations on the chair when not in use.

⚠️ CAUTION
ENSURE AREA IS CLEAR OF OBSTRUCTIONS PRIOR TO PENDANT USE
To prevent property damage or injury to patient, survey area for possible obstructions prior to pendant use.
BACK SECTION ADJUSTMENT
First row of pendant buttons controls angle of back section.
- Press left button to raise chair's back.
- Press right button to lower chair's back.

LEG SECTION ADJUSTMENT
Second row of pendant buttons controls angle of leg section.
- Press left button to raise chair’s leg section.
- Press right button to lower chair’s leg section.

SEAT HEIGHT ADJUSTMENT
Third row of pendant buttons controls height of seat section.
- Press left button to raise chair’s seat.
- Press right button to lower chair’s seat.

SIMULTANEOUS LEG AND BACK SECTION (AUTO CONTOUR) OPERATION
Fourth row of pendant buttons controls simultaneous actuation of leg and back sections.
- Press left button to raise chair’s leg section and lower chair’s back, resulting in stretcher configuration.
- Press right button to lower chair’s leg section and raise chair’s back, resulting in chair configuration.

SEAT TILT / TRENDELENBURG ADJUSTMENT
Fifth row of pendant buttons controls the seat section incline/recline or Trendelenburg / reverse Trendelenburg position depending on chair / stretcher
- Press left button to raise front of seat section.
- Press right button to lower front of seat section.
**CAUTIONARY USAGE INSTRUCTIONS**

⚠️ **CAUTION**  Ensure pendant cord is clear of moving parts while repositioning the chair as not to pinch, sever or over extend the cord.

**PREVENTIVE MAINTENANCE**

To ensure proper operation, this accessory should be inspected and maintained as described below.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>FREQUENCY</th>
<th>PROCEDURE</th>
<th>TOOL</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendant</td>
<td>Every three months</td>
<td>Check functions of the buttons to ensure device is working properly</td>
<td>-</td>
<td>Replace pendant as required</td>
</tr>
<tr>
<td>Pendant</td>
<td>Every three months</td>
<td>Inspect cord for exposed or bare wires</td>
<td>-</td>
<td>Replace pendant as required</td>
</tr>
</tbody>
</table>
## CLEANING INSTRUCTIONS

**CAUTION**
STEAM AND/OR PRESSURE CLEANING CHAIR WILL VOID WARRANTY

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>FREQUENCY</th>
<th>PROCEDURE</th>
<th>CLEANING AGENT *</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Rails and Painted Metal</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for chipped paint/chrome</td>
</tr>
<tr>
<td>Base Cover</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for peeling or missing labels</td>
</tr>
<tr>
<td>Actuators and Battery Pack</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Clean exterior surfaces only with minimal water</td>
</tr>
<tr>
<td>Pendants</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Clean exterior surfaces only with minimal water</td>
</tr>
<tr>
<td>All Other Surfaces</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for damage</td>
</tr>
<tr>
<td>TransMotion Medical Accessories</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for damage</td>
</tr>
<tr>
<td>3rd Party Accessories</td>
<td>As required/in accordance with facility policies</td>
<td>Consult manual provided by accessory manufacturer.</td>
<td></td>
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</tr>
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</table>

* Use of Facility approved detergents and disinfectants must comply with the instructions provided by the manufacturer(s) of those products.
Upholstery Care & Cleaning Instructions

Proper care is essential in ensuring the durability and reliability of TransMotion Medical upholstery. In general, all products should be:

1. Cleaned
2. Disinfected (in accordance with facility policy)
3. Rinsed
4. Allowed to air dry

It is important to note that the terms “disinfecting” and “cleaning” should not be used interchangeably. Disinfectants alone will not provide adequate cleaning since they do not have the appropriate properties to cut grease or oil and remove grime, hair or skin oils. The appearance, feel and performance of your upholstery may diminish if not cleaned properly.

Cleaning:

Remove hair, grime and body oils. Your upholstery should be cleaned on a regular basis with a damp cloth soaked in a mild soap and water solution. Avoid harsh detergents or chemicals that could damage the finish of your product. If disinfecting with manufacturer approved chemicals or bleach, the upholstery MUST be wiped off using clean water on a damp cloth and allowed to air-dry as a final step. Failure to rinse upholstery with clean water can result in a build-up of residues that, over time, may lead to drying, cracking or other undesirable changes to appearance, feel and performance.

Retain all instructional tags for future use.

Contact the manufacturer of the fabric used in your upholstery for a current list of approved disinfectants. TransMotion Medical Customer Care can assist with identifying which upholstery was used with your Stretcher-Chair.

For customer supplied and non-standard materials, please refer to the individual manufacturer's cleaning instructions.