



OPERATION MANUAL

Model TMM3 Series

Video Fluoroscopy Chair

Options:

- | | |
|----------|-------------------------|
| S | Short Base |
| F | Folding Footrest |
| E | Export |
| B | Battery |
| A | AC Power |

1441 Wolf Creek Trail - PO Box 302, Sharon Center, OH 44274
Phone: 1-866-860-8447 - Fax: 1-330-239-4465
www.transmotionmedical.com

Document No.: OM TMM3 SERIES
Revision: R

TABLE OF CONTENTS

IMPORTANT NOTES ABOUT THIS MANUAL.....	3
SPECIAL NOTES - SIGNAL WORDS	3
SAFETY PRECAUTIONS.....	4
LABELING DIAGRAMS (TMM3-B shown).....	8
OPERATING INSTRUCTIONS.....	10
BACK SECTION QUICK RELEASE.....	10
CASTER BRAKE OPERATION	11
SIDE RAIL OPERATION.....	12
ADJUSTING SIDE RAIL ANGLE	12
PENDANT (CONTROLLER)	15
PATIENT INGRESS / EGRESS	16
PATIENT TRANSFER.....	17
PUSH BAR OPERATION.....	17
SEAT ROTATION.....	18
OPTIONS	19
“S” OPTION: SHORT BASE.....	19
“F” OPTION: FOLDING FOOTREST	19
“E” OPTION: EXPORT	19
“B” OPTION: BATTERY PACK.....	20
“A” OPTION: AC POWER (for on-board batteries and charger).....	21
SWITCH SCHEMATIC	22
CLEANING INSTRUCTIONS	23
PAD REMOVAL INSTRUCTIONS	23
PREVENTIVE MAINTENANCE	24
SERVICE INFORMATION.....	25

IMPORTANT NOTES ABOUT THIS MANUAL

This Operations Manual is designed to assist you with operating 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 and CAUTIONS and instructions, contact TransMotion Medical customer service before attempting to operate or service the equipment. Otherwise, injury or damage may result.

To assure 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 this product.

TransMotion Medical Inc. 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 or power supply variations.

Photographs and illustrations contained within this document may not depict exactly the model you have. This document is intended to 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 manual:

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.

SAFETY PRECAUTIONS

WARNINGS:



CHAIR OPERATION BY QUALIFIED, TRAINED MEDICAL PERSONNEL ONLY

- The chair is intended to be operated only by qualified, trained medical staff. Operation of chair by unauthorized / untrained / lay people must be avoided.



USE CAUTION ON RAMPS

- Control chair when traversing ramps. If a collision occurs, serious injury to patient, bystanders, or medical personnel could result, as well as, damage to chair or medical facility could occur.



LOCK CASTERS BEFORE PATIENT EGRESS / INGRESS

- Prior to patient egress / ingress, casters must be locked by depressing red tab completely down on either left- or right-side brake pedal.



AVOID PINCH POINTS AND OTHER INJURIES

- To prevent serious injury, ensure extremities of patient and bystanders are clear of all mechanical systems when operating motors for lift and positioning functions.
- To prevent pinch / crush injury, ensure extremities of patient and bystanders are clear of locking mechanism when raising and lowering side rails.
- To prevent patient strangulation, use approved hand pendant storage location when not in use (see PENDANT section).



BATTERY CAN EXPLODE DUE TO OFF-GASSING WHEN CHARGING

- At end of charging process (or with overcharge conditions), battery can produce mixture of explosive gases (including hydrogen and oxygen). Avoid exposing battery to open flames, cigarettes, sparks, and incandescent materials.
- Never charge battery in enclosed, unventilated spaces.
- Do NOT store battery in sealed container. Store in fresh, well-ventilated area protected from direct sunlight and heat sources.
- Do NOT use water to extinguish battery fire. Use dry powder, foam CO₂ extinguisher.



USE CAUTION WHEN STORING OXYGEN CYLINDER UNDER CHAIR

- To prevent severe gas leakage / rupture of compressed gas cylinder, when placing cylinder under chair, ensure adequate clearance between cylinder and its attached gas equipment (i.e. regulator, gauges, fittings, knobs) and all adjustable chair sections / features (i.e. seat, back, leg, rails, actuators).
- To prevent fire / explosive hazard, do not leave chair (and stowed oxygen equipment) near heat source.
- To prevent gas equipment damage during transport, ensure cylinder sets in cradle properly and strap mechanisms are secured tightly. Chair is intended to accommodate up to an E-size cylinder (4-3/8" outer diameter x 25" length).



DO NOT PLACE EXCESSIVE WEIGHT ON ENDS

- Position patient's body weight uniformly over the patient surface. Use caution when shifting patient's body weight towards either end of the stretcher-chair. Excessive weight on either end of the device could cause the stretcher-chair to become unstable.
- Do not sit or stand on the ends of the stretcher-chair. Instruct patients to not stand on footrest during egress / ingress.
- Due to the unique nature of each patient's body shape, caregiver should exercise sound judgment when positioning patient on the device.

ACCESSORY WARNINGS:

- To prevent serious injury and property damage, review operating manuals of all medical equipment and accessories that may be used with, or attached to, this chair.
- Using the supplied accessories in the incorrect manner may cause patient, bystander, or facility harm.
- If chair is equipped with accessory belts, refer to appropriate Field Installation and Usage Instructions (provided with belts) for proper installation, use, and care.
- To prevent fire hazards, follow all precautions and operating procedures prescribed by suppliers of oxygen administering equipment (i.e. oxygen gas regulators, tents, masks, cannulas, etc.)
- To prevent injury and property damage, total weight of items placed on “IV” pole must be less than 25 lbs.
- If mounting accessories to back surgical rails, ensure accessory is properly installed and securely engaged prior to transporting patient/chair, and prior to use. Only equipment approved by TransMotion Medical is to be mounted on surgical rails. TransMotion Medical is not responsible for damage, and assumes no liability, caused by the use of unapproved equipment or accessories. Approved medical equipment includes tools, instruments, or scopes that are compatible with a .365” thick by 1.125” wide surgical rail.

CAUTIONS:

⚠ CAUTION DO NOT MODIFY CHAIR

- Modifying chair can cause unpredictable operation resulting in injury to patient, medical personnel, or bystander. Modifying chair will void warranty.

⚠ CAUTION USE SAFE OPERATING PROCEDURES

- Prior to operating chair, ensure patient clearance by moving any overhanging equipment, or moving chair from under a table, to prevent patient injury.
- For TMM3, chair must be at least 20 inches from nearest wall or obstruction to allow for full range of activation.
- Leave chair in lowest position whenever possible. This practice will decrease potential injury during an unsupervised patient egress from chair.
- Prior to patient transport in chair, raise side rails and ensure latching mechanism is in locked position. Medical personnel must determine degree of restraint needed to ensure patient’s safety during transport.
- To prevent personal injury to medical personnel and/or patient, ensure the back extension is properly installed and securely engaged prior to transporting patient/chair, and prior to use of IV system.
- *For “F” Option Only*
Since footrest is foldable (not locked in position), ensure protection of patient’s feet while moving chair in close quarters (i.e. elevators, crowded hallways, procedure rooms).

⚠ CAUTION INSPECT AND CLEAN CHAIR REGULARLY

- Inspect cushions after each use. Discontinue use if upholstery is ripped, cut, or torn, which could allow fluids to enter cushion. This practice will prevent infection of patients and medical personnel and contamination of medical equipment.
- Do NOT use machine / pressure / power wash procedures on chair. After each use in a clinical setting, hand wash all patient-contact surfaces (i.e. cushions, rails) and plastic base cover with warm water and mild detergent.
- *For “A” Option Only*
For large fluid spills on chair, immediately unplug chair from AC wall outlet.



**PLUG CHAIR INTO PROPERLY GROUNDED WALL OUTLET MARKED
“HOSPITAL ONLY” OR “HOSPITAL GRADE”**

- *For “A” Option Only*
Chair is equipped with hospital-grade three-prong plug for protection against electric shock, and must be plugged into properly grounded hospital-grade wall outlet.



MAX WEIGHT OF BACK SURGICAL BAR

- The max weight capacity of each back surgical bar is 50 pounds. To prevent personal injury to patient, do not mount equipment weighing more than 50 pounds to device. Weight of patient plus weight of equipment should not exceed 350 pound weight capacity of TransMotion Medical stretcher-chair.

EMI CAUTION:



EMI MAY AFFECT CHAIR FUNCTIONALITY

Chair may be susceptible to EMI (ElectroMagnetic Interference) caused by electromagnetic energy emitted from various sources, such as, radio and television stations, amateur radio (HAM) transmitters, citizen band (CB) radios, hand-held “walkie-talkies”, security / police / fire transceivers, and other communication devices. EMI can cause chair to move by itself, or in an unintended fashion. It can damage control system(s).

Intensity of interfering energy is measured in V/m (volts per meter). Chair can resist EMI up to a certain intensity, called its “immunity level”. When the immunity level is higher, the less likely EMI will interfere with chair operation. The chair has been tested to 20 V/m immunity level, which is sufficient to provide useful protection from common sources of radiated electromagnetic energy.

In clinical environments devices can emit electromagnetic energy, which becomes more intense as one moves closer to energy source. To reduce chance of unintended movement or operation of chair, observe the following:

1. Be aware of nearby high-power transmitters (radio and TV stations), MRI (magnetic resonance imaging) systems, and NMR (nuclear magnetic resonance) imaging systems. Keep chair away from these areas.
2. Do not operate hand-held transmitters near chair.
3. Do not operate chair near others using hand-held transmitters.
4. If unintended chair movement occurs, disconnect battery, and move chair away from location.

NOTICES:



MAXIMUM PATIENT WEIGHT IS 350 lbs (158 kg)

- Maximum patient weight capacity of chair is 350 pounds. If exceeded, damage to chair could occur.



CHAIR IS INTENDED FOR INDOOR USE ONLY

- To ensure proper operation and extend chair life, only use chair in specified environment.



USE CDC's UNIVERSAL PRECAUTIONS

- When maintaining chair after clinical use, service personnel must use UNIVERSAL PRECAUTIONS as defined by CDC (Centers for Disease Control and Prevention).



MAINTAIN CHAIR REGULARLY

- To ensure proper operation and extend chair life, inspect, maintain, and service chair on a regular basis. Inspection, maintenance, and service details are located later in this manual.



REMOVE BATTERY DURING CHAIR STORAGE

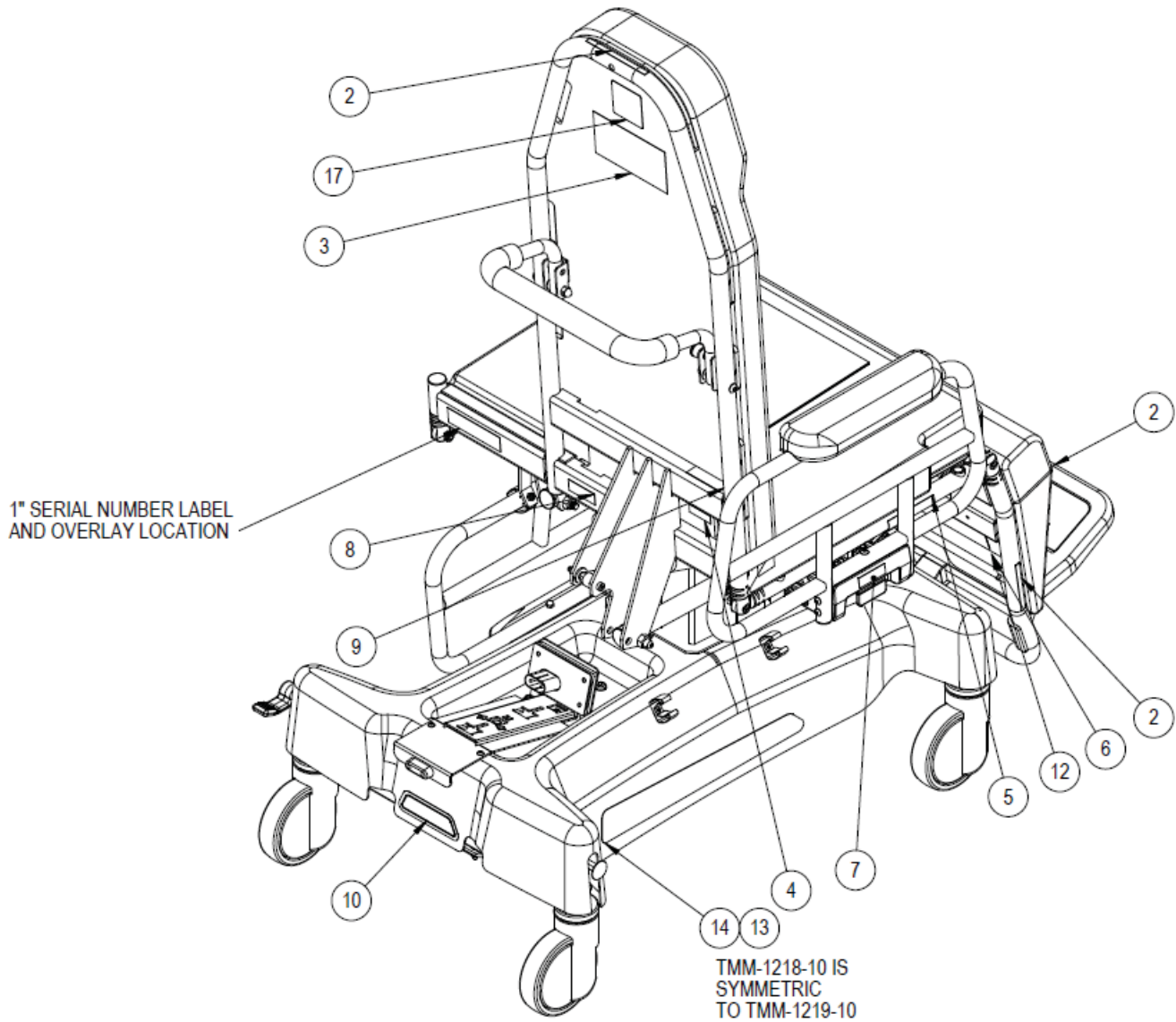
- *For "B" Option Only*
If chair is to be stored or not in use for more than 3 weeks, remove battery pack from chair. Refer to Battery Charger Installation and Usage Instructions (IM TMA57-15), under the "Cautionary Usage Instructions" section, for more information.
- *For "A" Option Only*
If chair is to be stored or not in use for more than 1.5 weeks, leave chair plugged into an AC wall outlet or unplug battery from control box. For more information, refer to "A" Option section below.

LABELING DIAGRAMS (TMM3-B shown)



INSPECT LABELS PERIODICALLY

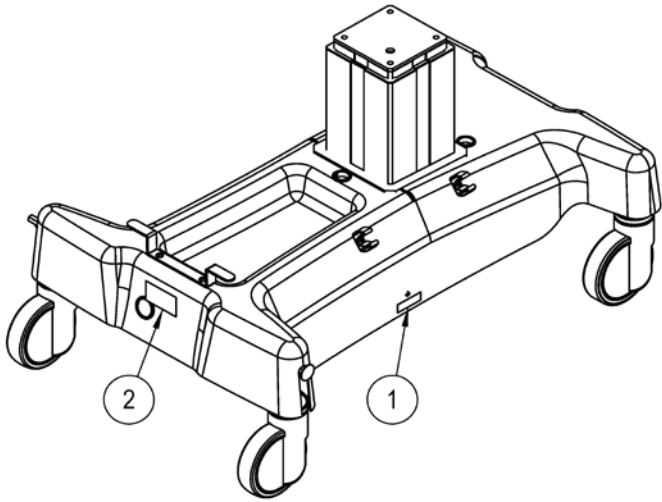
Every three months, inspect all labels and ensure that they are legible, and not tattered, torn, or missing. Refer to label locations in figures below. If labels need to be replaced, contact TransMotion Medical Customer Service at 1-866-860-8447.



TMM3 SERIES MASTER BOM

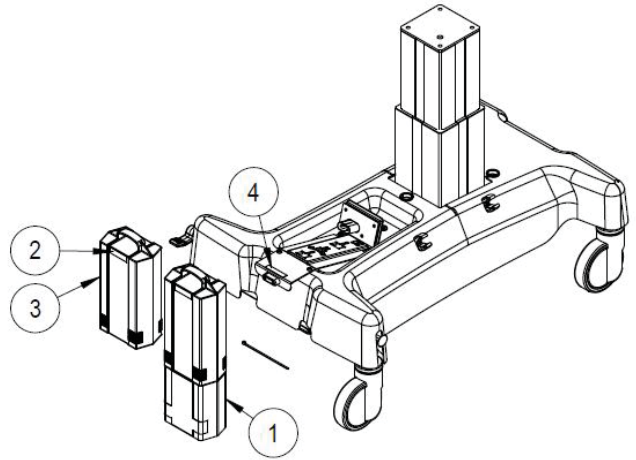
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
18	OM TMM3 SERIES	OM TMM3 SERIES	1
17	TMM-2247-10	LABEL, QR CODE TMM VIDEOS	1
16	TMM-1972-10	TMM RAISED LOGO	1
15	TMM-1691-13	TMM3 IN-SERVICE CHECKLIST	1
14	TMM-1219-10	TMM3 SERIES BASE LABEL - RT	1
13	TMM-1218-10	TMM3 SERIES BASE LABEL - LT	1
12	TMM-1216-10	BLANK SERIAL NUMBER LABEL	1
11	TMM-1212-13	CUSTOMER QUICK NOTES TMM3	1
10	TMM-679-10	END LABEL	1
9	TMM-270-10	MAX WEIGHT LABEL - 350LB	1
8	TMM-225-10	SEAT LOCK KNOB LABEL	1
7	TMM-214-10	PRODUCT LABEL - SMALL	2
6	TMM-209-10	SERIAL NUMBER OVERLAY	1
5	TMM-207-10	BACKREST QUICK RELEASE LABEL	1
4	TMM-205-10	ALUMINUM EQUIVELANCY LABEL	1
3	TMM-204-10	ROTATION OPERATION LABEL	1
2	TMM-202-10	CHAIR END WARNING LABEL	4
1	TMA01-15	TMM3 BELT SET (HEAD / LEG / 4"-WIDE LAP)	1

A/C POWERED CHAIR OPTION
DESIGNATOR: "A"



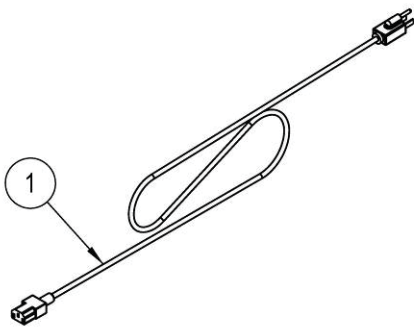
2	TMM-222-10	CHARGE BATTERY LABEL	1
1	TMM-208-10	POWER LIGHT LABEL	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

BATTERY OPTION
DESIGNATOR: "B"



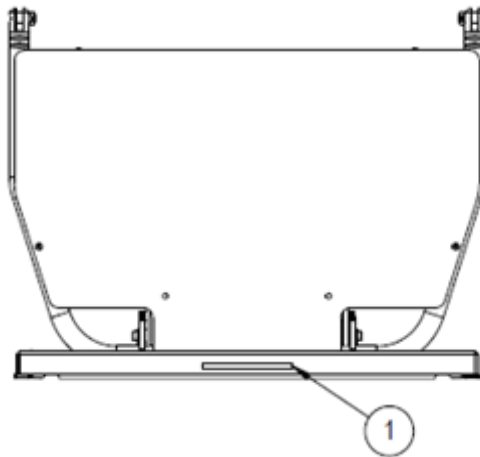
4	TMM-523-10	BATTERY REMOVAL LABEL	1
3	TMM-311-03	MOBILLETTE BATTERY PACK	2
2	TMM-214-10	PRODUCT LABEL - SMALL	2
1	TMA57-15	UNIVERSAL CHARGER ASSEMBLY	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

EUROPEAN OPTION
DESIGNATOR: "E"



1	TMM-1057-XXXXXX	POWER CORD - UNIVERSAL CHARGER	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

FOLDING FOOTREST OPTION
DESIGNATOR: "F"



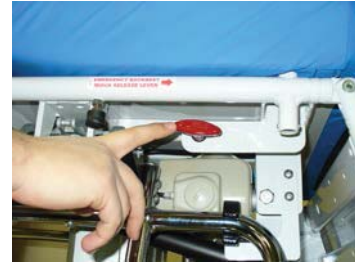
1	TMM-202-10	CHAIR END WARNING LABEL	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

OPERATING INSTRUCTIONS

BACK SECTION QUICK RELEASE

LOCATE RELEASE LEVER

Back section quick release (red) lever is located under seat on patient's right side.



ACTIVATE RELEASE LEVER

To activate back section quick release, pull red lever out towards the arm rail. When weight is applied, back section will drop until lever is released.



Quick release feature is intended for emergency purposes only.

WARNING

PRIOR TO PERFORMING CHEST COMPRESSIONS ON A PATIENT, FIRST AND FOREMOST, THE PATIENT SHOULD BE MOVED TO A MORE STABLE, NON-PADDED PLATFORM. SECONDARILY, IF ATTEMPTING TO PERFORM CHEST COMPRESSIONS ON THE TMM DEVICE, THE PATIENT SHOULD BE PLACED ON A BACK BOARD, OR POSITIONED ON THE CHAIR SO THE PATIENT'S CHEST CAVITY IS OVER, OR AS CLOSE TO, THE COLUMN SUPPORT AS POSSIBLE. IT IS THE RESPONSIBILITY OF THE MEDICAL PROFESSIONAL TO DETERMINE WHETHER CPR CAN BE EFFECTIVELY PERFORMED ON THIS CHAIR ON A CASE-BY-CASE BASIS.



WARNING

DO NOT TWIST OR ADJUST THE DAMPER. DOING SO COULD RESULT IN THE BACK RELEASE LEVER FUNCTIONING IMPROPERLY DURING AN EMERGENCY.



To ensure proper operation, activate quick release every thirty days. If quick release does not operate properly, please contact TransMotion Medical Customer Service at 1-866-860-8447.

CASTER BRAKE OPERATION

BRAKE MODE

Activate braking system by pressing down on red end of either brake pedal located at base of chair.



This mode prevents all four casters from swiveling and all wheels from spinning.



NEUTRAL MODE

Activate neutral mode by placing either brake pedal into a horizontal orientation.



This mode allows all four casters to swivel and all wheels to spin freely.



STEER MODE

Activate steer-locking system by pressing down on green end of either brake pedal located at base of chair.



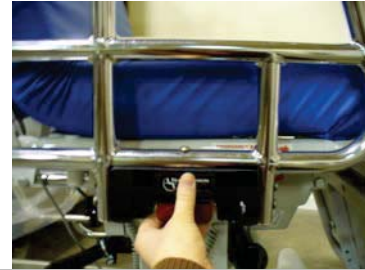
This mode locks caster (near patient's right foot) parallel to base, but allows this wheel to spin. Other three casters swivel, and wheels spin freely.



SIDE RAIL OPERATION

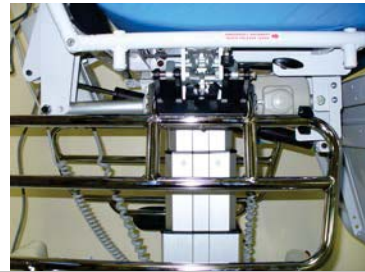
LOWERING SIDE RAIL

Grasp top of side rail and push inward slightly, while pulling out red rail release tab. Once released, lower rail.



STOWING SIDE RAIL

To stow side rail, lower rail into “down” position below seat (or back section depending on rail location). Push side rail until it fully engages retainer clip.



RAISING SIDE RAIL

Lift side rail until it is in “up” position.



- Red rail release tab will engage (lock) automatically.
- Ensure side rail is secure by pulling on rail after it is raised.



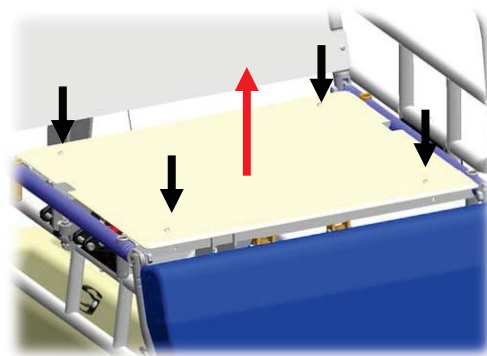
ADJUSTING SIDE RAIL ANGLE

Remove cushion and seat pan by removing four pan head screws.

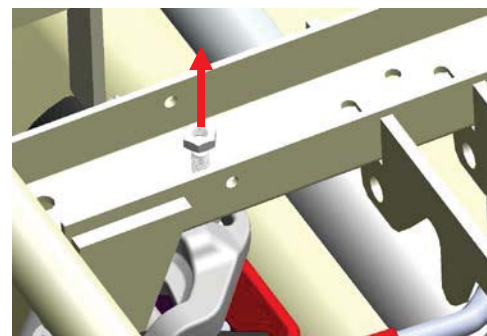


NOTICE

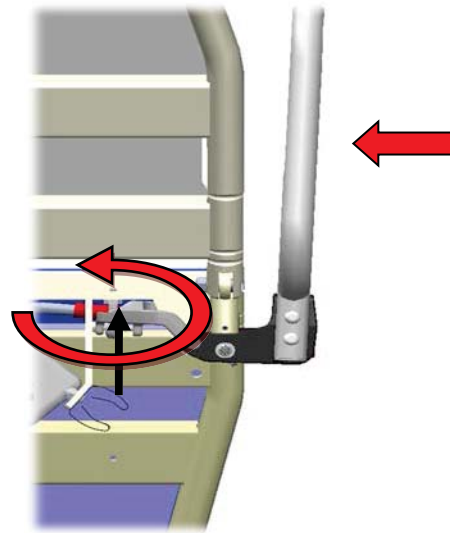
Do not discard seat pan, pan head screws, or additional hardware removed during this step. Parts will be reused after adjustment.



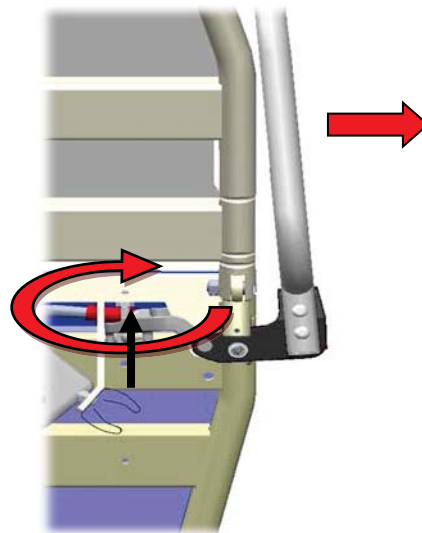
Loosen top jam nut.



To move inward, rotate bottom jam nut as shown.



To move outward, rotate bottom jam nut as shown.



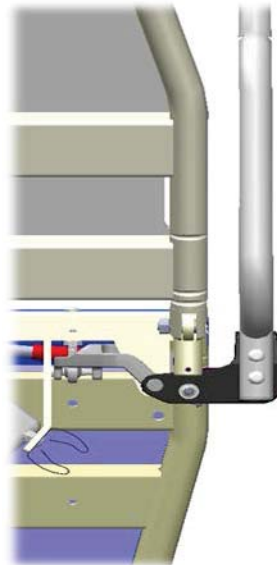
Once aligned, tighten top jam nut.



NOTICE

- 1) You do not need to hold bottom nut to tighten top. Once aligned, top nut is tightening nut.
- 2) When adjusting, ensure bottom jam nut is contacting seat frame.
- 3) Ball joint head angle does not matter.
- 4) Prior to adjustment, pull outward on side rail in order for system to settle.
- 5) Ensure top jam nut engages at least two full threads.

Do not over tighten top jam nut (there is no need).



Reattach seat pan and cushion.



PENDANT (CONTROLLER)

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

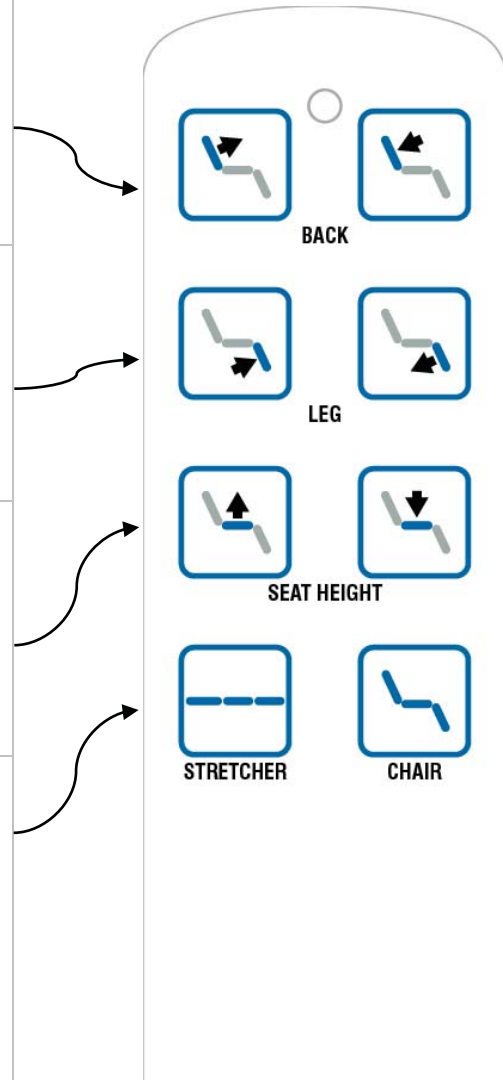
Third row of pendant buttons controls height of seat section.

- 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.



PATIENT INGRESS / EGRESS

⚠ WARNING PATIENT SHOULD NEVER BE PERMITTED TO ENTER / EXIT FROM ENDS OF STRETCHER-CHAIR WHEN IN AN UPRIGHT, PARTIALLY, OR TOTALLY RECLINED POSITION. EXCESSIVE WEIGHT ON ENDS COULD CAUSE CHAIR TO TILT, RESULTING IN POSSIBLE PATIENT INJURY.



- Follow these instructions for safe and proper patient ingress (entry onto chair) and egress (exit from chair).
- Patient ingress / egress should always be made with chair in upright-chair position.
- Patient must enter / exit from side of chair with their body weight centered over *SEAT* section.
- See *PATIENT TRANSFER* section for instruction on transferring patient from one horizontal surface to another.

PATIENT INGRESS (ENTRY)

1. Depress *RED* caster brake pedal to lock caster wheels.
2. Adjust chair to lowest height and into upright-chair position.
3. Lower one side rail of seat section.
4. If back section rails are present, remove / lower back section rail of same side.
5. Position patient (facing away from chair) at *SEAT* section.
6. *WITH PATIENT ENTERING FROM SIDE OF CHAIR*, assist patient while they sit down on *SEAT* section.
7. Once patient is fully seated, assist them in rotating their body in-line with chair into a seated position.

PATIENT EGRESS (EXIT)

1. Depress *RED* caster brake pedal to lock caster wheels.
2. Adjust chair to lowest height and into upright-chair position.
3. Lower one side rail of seat section.
4. If back section rails are present, remove / lower back section rail of same side.
5. Ensure patient's body weight is centered on *SEAT* section.
6. *WITH PATIENT EXITING TO SIDE OF CHAIR*, assist patient in rotating their body by placing their legs over one side of chair.
7. Assist patient into standing position from seated position.

PATIENT TRANSFER

⚠ WARNING PATIENT'S BODY WEIGHT SHOULD NEVER BE SHIFTED TOWARDS EITHER END OF CHAIR WHEN IN A PARTIALLY, OR TOTALLY, RECLINED POSITION. SERIOUS PATIENT INJURY MAY OCCUR. ALL PATIENT TRANSFERS MUST BE MADE TO RIGHT SIDE OF TMM3-SERIES CHAIR, DUE TO SHAPE OF BACK SECTION, AND NOT TO CHAIR ENDS.

⚠ Follow these instructions for safe and proper patient transfer between chair (in stretcher orientation) and another horizontal surface.

1. Position back, seat, and leg sections into horizontal orientation. (Press Auto Contour button.)
2. Lower / remove all side rails from transfer (right) side of chair.
3. Position chair as close as possible to other surface.
4. Match chair (stretcher) height to height of bed or other horizontal surface.
5. Depress *RED* caster brake pedal to lock caster wheels.
6. Slide patient from one surface to other, following your facility's standard practices / policies for lateral patient transfers.

PUSH BAR OPERATION

LOWERING PUSH BAR

Grasp push bar handle while pulling out red release knob. Lower push bar into "down" position.



RAISING PUSH BAR

Lift push bar handle until it is in "up" position.

⚠
Red release knob will engage (lock) automatically.



SEAT ROTATION

WARNING

- TO PREVENT TIPPING AND PATIENT INJURY, ONCE SEAT IS ROTATED, DO NOT RECLINE BACK SECTION OR POSITION CHAIR IN HORIZONTAL ORIENTATION.
- WITH SEAT IN ROTATED POSITION, DO NOT TRANSPORT PATIENT OR ATTEMPT PATIENT TRANSFER TO / FROM ANOTHER SURFACE.



While chair is in rotated position:

- Chair cannot be lowered.
- Back and leg sections may be adjusted *SLIGHTLY* for patient comfort or for imaging procedure. During chair adjustment, ensure no damage to chair or imaging device.

1. With patient in chair, depress *RED* caster brake pedal to lock caster wheels.
2. Place in chair configuration by pressing Auto Contour button on pendant.
3. Raise seat to highest height using pendant.

4. Pull out black seat lock knob located under back of seat section.



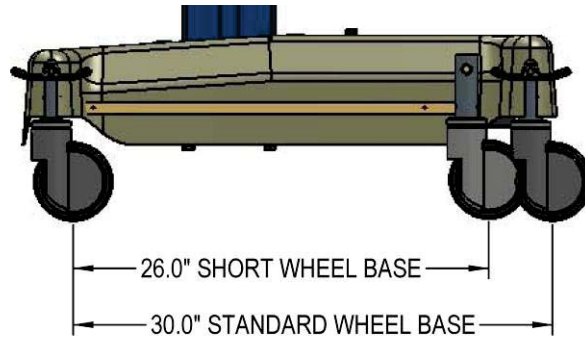
5. Rotate chair 90° counterclockwise (or 1/4-turn to operator's right) until lock knob reengages.



OPTIONS

“S” OPTION: SHORT BASE

For “S” option, wheel base length is 26”.
Standard wheel base length is 30”.



“F” OPTION: FOLDING FOOTREST

CAUTION

WHEN POSITIONING FOOTREST,
BE AWARE OF PINCH POINTS

To stow footrest, place both hands on
red handles and lift.



For patient comfort, stow footrest prior
to articulating chair into supine
(stretcher) position.



EXTENDED FOOTREST



STOWED FOOTREST

“E” OPTION: EXPORT

“E” option designates chair was shipped
with power cord specific to receiving
country.

“A” option power cord is directly attached
to chair.

“B” option power cord is attached to
battery charger (# TMA57-15).



Power cords depicted in image may not
match power cord shipped with your
chair.



“B” OPTION: BATTERY PACK

REMOVING BATTERY PACK FROM CHAIR

Grasp integrated handle on battery pack and pull away from chair until cam locks disengage. Remove battery from mounting bracket.



INSTALLING BATTERY PACK ONTO CHAIR

Place two round, cam locks on back of battery into square openings of mounting bracket. Once in place, slide battery down (inward toward column) until cam locks engage.



ADDITIONAL BATTERY INFORMATION

All chairs come with additional battery and wall-mountable battery charger. Additional battery may be stored in wall charger or on mobile battery stand.

For more information related to the battery and charger, see Battery Charger Installation and Usage Instructions (IM TMA57-15).



“A” OPTION: AC POWER (for on-board batteries and charger)

AC power cord for charging batteries is attached to chair base, and may be stowed by wrapping around storage bracket.

To charge on-board batteries:

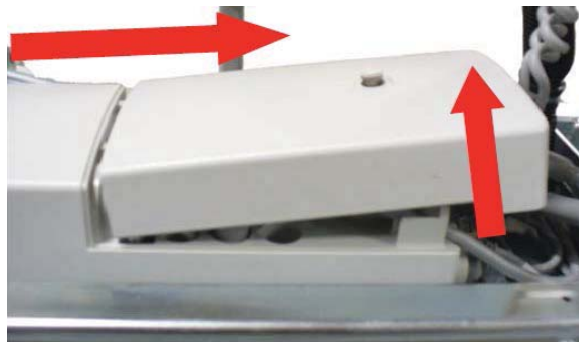
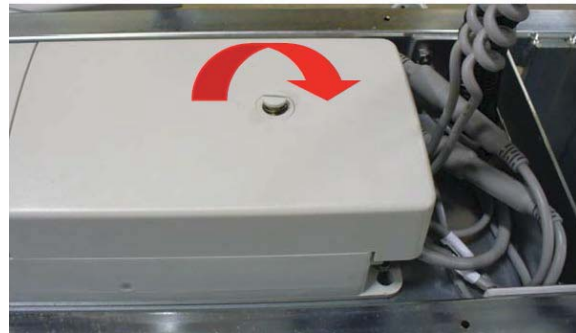
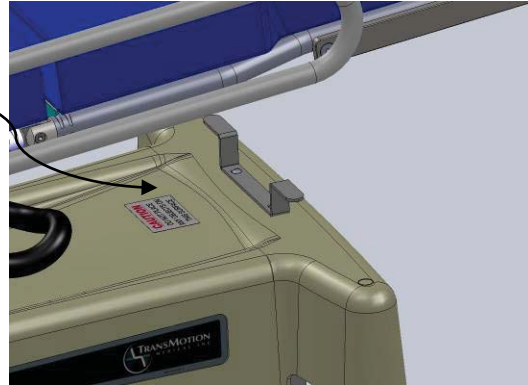
1. Insert AC plug into wall outlet.



To prevent insufficient power, plug chair in to charge batteries overnight (i.e. during off-times), or 24 hours prior to service.

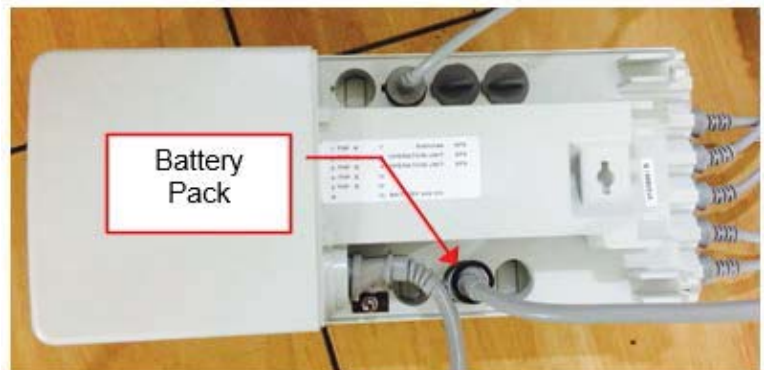


When the chair is plugged in and charging the pendant will not illuminate, even when buttons are pushed.

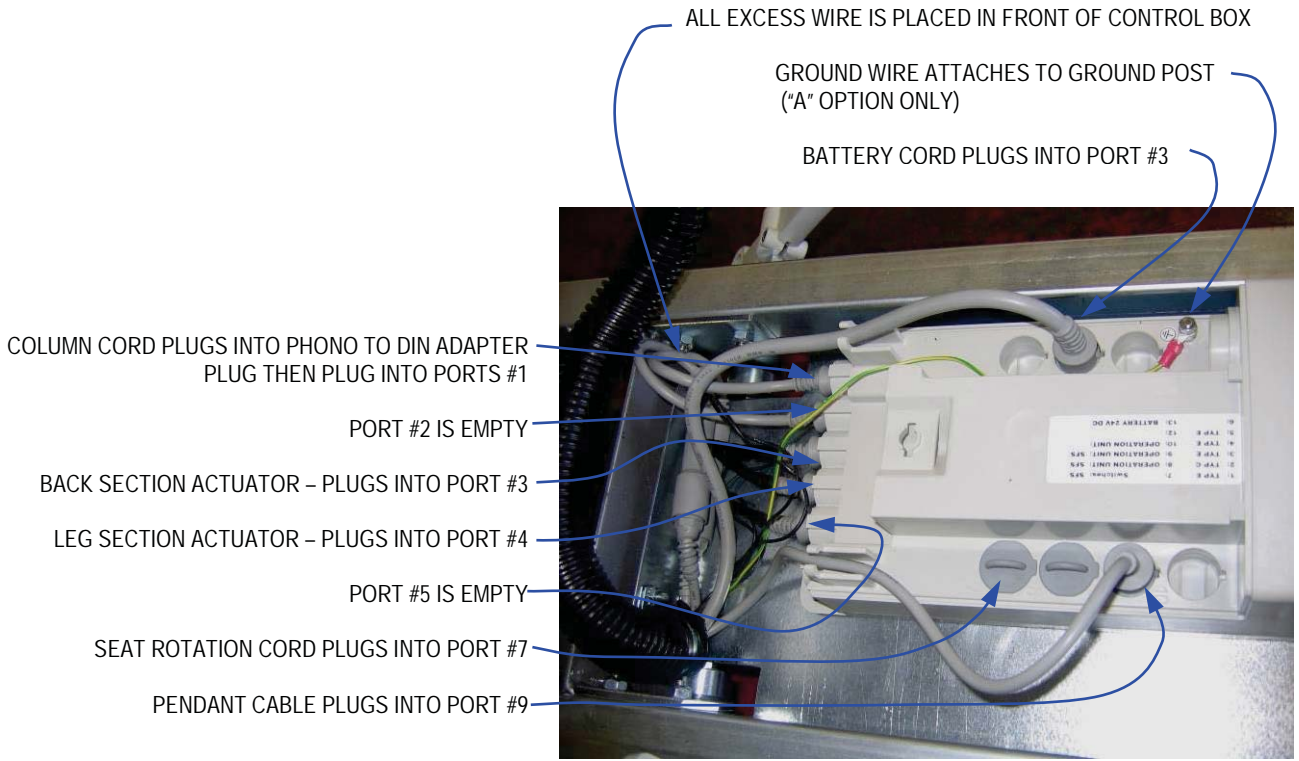


If chair is to be stored or not in use for more than 1.5 weeks, leave chair plugged into an AC wall outlet or unplug battery pack from control box.

To unplug battery pack; lift up base cover to access control box, remove control box cover by unlocking mechanism using a flathead and then sliding the cover off to access the plugs. Then unplug the battery pack cord shown.



SWITCH SCHEMATIC



CLEANING INSTRUCTIONS

CAUTION STEAM CLEANING CHAIR IS NOT RECOMMENDED AND WILL VOID WARRANTY

To ensure proper operation and extend the chair's life, it should be cleaned on a regular basis as shown below.

COMPONENT	FREQUENCY	PROCEDURE	CLEANING AGENT	COMMENT
Cushion Pads	After each use	Wipe / scrub with damp cloth	Detergent, water, hospital grade disinfectants	<ul style="list-style-type: none"> Do NOT steam clean or pressure wash.
All Rails	After each use	Wipe / scrub with damp cloth	Detergent, water, hospital grade disinfectants	<ul style="list-style-type: none"> Check for chipped paint / chrome.
Base Cover	As required	Wipe / scrub with damp cloth	Detergent, water, hospital grade disinfectants	<ul style="list-style-type: none"> Check for peeling or missing labels
Actuators and Battery Pack	As required	Wipe / scrub with damp cloth	Detergent, water, hospital grade disinfectants	<ul style="list-style-type: none"> Clean exterior surfaces only with minimal water.
Pendants	As required	Wipe / scrub with damp cloth	Detergent, water, hospital grade disinfectants	Clean exterior surfaces only with minimal water.
All Medical Accessories	As required	Consult manual provided by accessory manufacturer.		

PAD REMOVAL INSTRUCTIONS



When removing cushions, pull laterally. Do not pull from top to bottom.

PREVENTIVE MAINTENANCE

To ensure proper operation and extend the chair's life, it should be maintained on a regular basis as shown below.

COMPONENT	FREQUENCY	PROCEDURE	TOOL	COMMENT
Cushion Pads	After each use	Inspect for tears.	-	<ul style="list-style-type: none"> If torn, discard cushion.
All Rails	Every three months	<ul style="list-style-type: none"> Inspect for chipped paint, burrs, and rough edges. Remove burrs, rough edges. Touch up paint. 	<ul style="list-style-type: none"> Metal file Touch-up paint 	<ul style="list-style-type: none"> To prevent personnel cuts, burrs and rough edges should be removed once found.
All Fastened Joints	Every three months	<ul style="list-style-type: none"> Inspect all fasteners to ensure proper fit and tightness. Retighten as needed. 	<ul style="list-style-type: none"> Wrenches (various sizes) Allen wrenches (various sizes) Screwdriver 	
All Labels	Every three months	Inspect for tattered, torn, missing, and illegible labels.	-	<ul style="list-style-type: none"> Call TMM customer service for new labels.
Pendants	Every three months	<ul style="list-style-type: none"> Test function of each button Inspect pendant label to ensure it is readable. 	-	<ul style="list-style-type: none"> Call TMM Service if pendant is not functioning or label is unreadable

SERVICE INFORMATION



PROPERLY DISPOSE OF BATTERIES BEING REPLACED DURING SERVICING

- Battery posts, terminals, and related components contain lead and lead compounds, which are known by the state of California to cause cancer or other reproductive harm. Wash hands thoroughly after handling or servicing.
- Lead battery is classified as “dangerous waste” and service technician is obliged by law to arrange for proper disposal of battery, or recycling, to avoid battery refuse in environment.
- Battery contains toxic material (lead) and corrosive fluid (sulfuric acid). Wear proper skin and eye protection prior to handling battery. After exposure, wash skin thoroughly with water.
- Do NOT short-circuit battery terminals, which can cause battery explosion or fire.
- To request Material Safety Data Sheet (MSDS) for battery, contact TransMotion Medical Customer Service.



BATTERY LIFE

- Battery capacity diminishes over time. Charge batteries regularly to maintain healthy battery life.
- Recommended to replace battery every two years or as required.

Customer service and support are important aspects of each TransMotion Medical product.

Prior to contacting TransMotion Medical for assistance with your chair, please **HAVE YOUR CHAIR'S SERIAL NUMBER HANDY.** (Refer to label diagram for location.)

Contact TransMotion Medical Customer Service at:

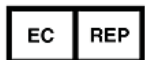
TransMotion Medical Inc.
ATTN: Customer Service
1441 Wolf Creek Trail
PO Box 302
Sharon Center, OH 44274

Phone: 1-866-860-8447
1-330-239-4192

Fax: 1-330-590-8111



Manufacturer of Device:
TransMotion Medical Inc.
1441 Wolf Creek Trail
PO Box 302
Sharon Center, OH 44274



Authorized Representative in Europe:

Emergo Europe
Molenstraat 15
2513 BH, The Hague
The Netherlands
Phone: +31.70.345.8570
Fax: +31.70.346.7299

