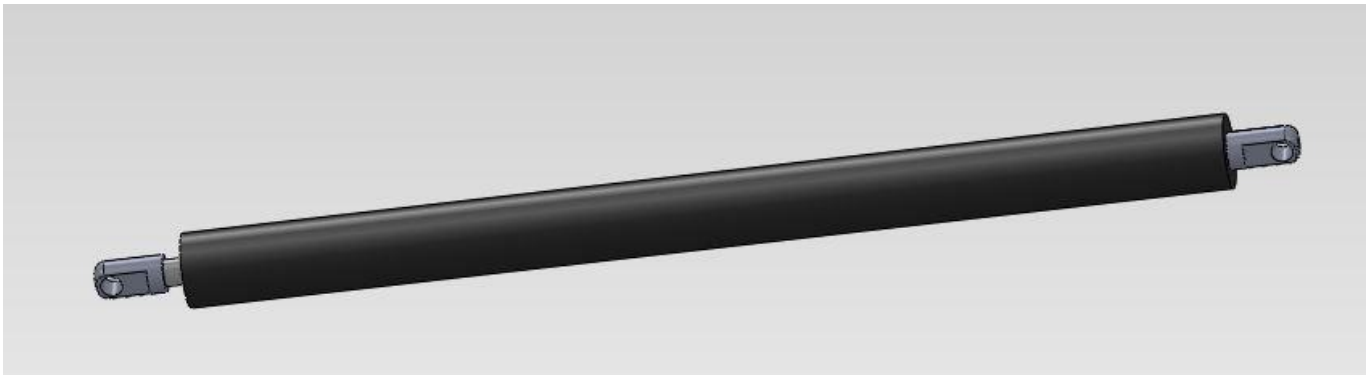




# Field Installation and Usage Instructions

**Part No. TMS-1939-11**  
**REPLACEMENT DAMPER**

*For all model TMM chairs*



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## IMPORTANT NOTES ABOUT THIS MANUAL

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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

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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.

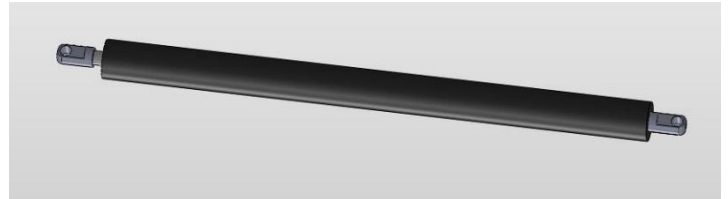
## TOOLS REQUIRED

5/32" Allen wrench  
7/16" Box end / Open end wrench

## PARTS INCLUDED FOR DAMPER

Damper is shipped as shown and does not require added assembly.

If any features seem damaged due to shipping, contact TMM Service Department toll-free at 1-800-237-3377.



## PREPARING CHAIR FOR DAMPER REPLACEMENT

- 1) Raise the chair to full extended height and raise the leg section to full extension.



- 2) Lock the casters by positioning the brake pedal as shown



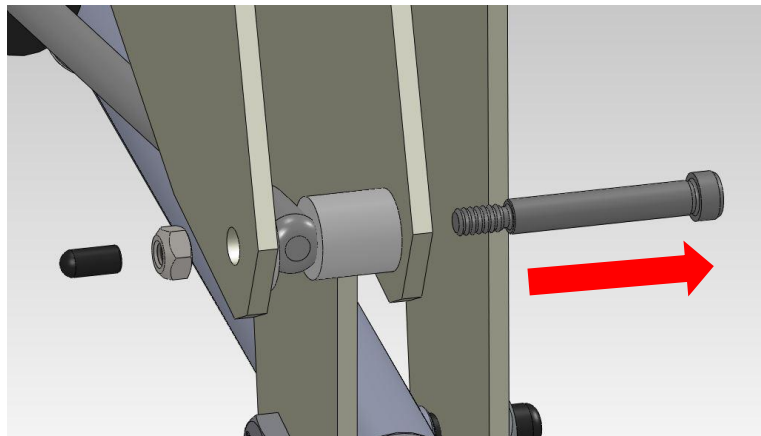
## REMOVE THE EXISTING DAMPER

- 1) Remove the Nylon cap covering the bolt threads. Using the 7/16" wrench and 5/32" Allen wrench, remove the bolt holding damper to the back section.



### NOTICE

Be sure to retain the nylon cap, nylon washer and spacer being held by the bolt. These will be reused with the replacement damper.

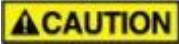


- 2) Using the 7/16" wrench and 5/32" Allen wrench, remove the bolt holding damper to the seat section.

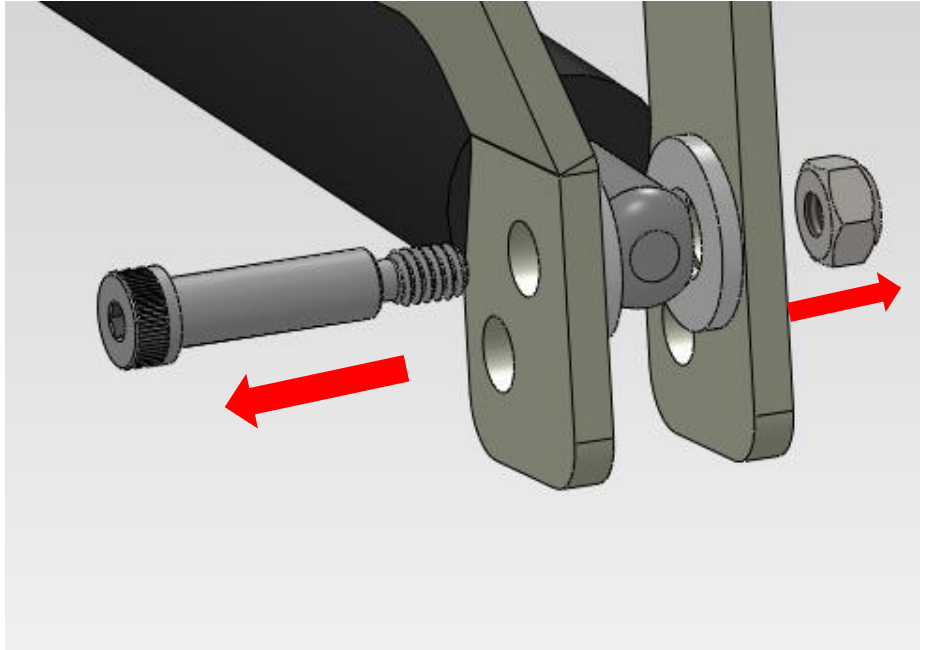


**NOTICE**

Be sure to retain the nylon washers being held by the bolt. These will be reused with the replacement damper.



Make note of the hole the damper is mounted in. The replacement damper must be reassembled in the same hole. Failure to assemble in the correct hole could result in damage to the unit.

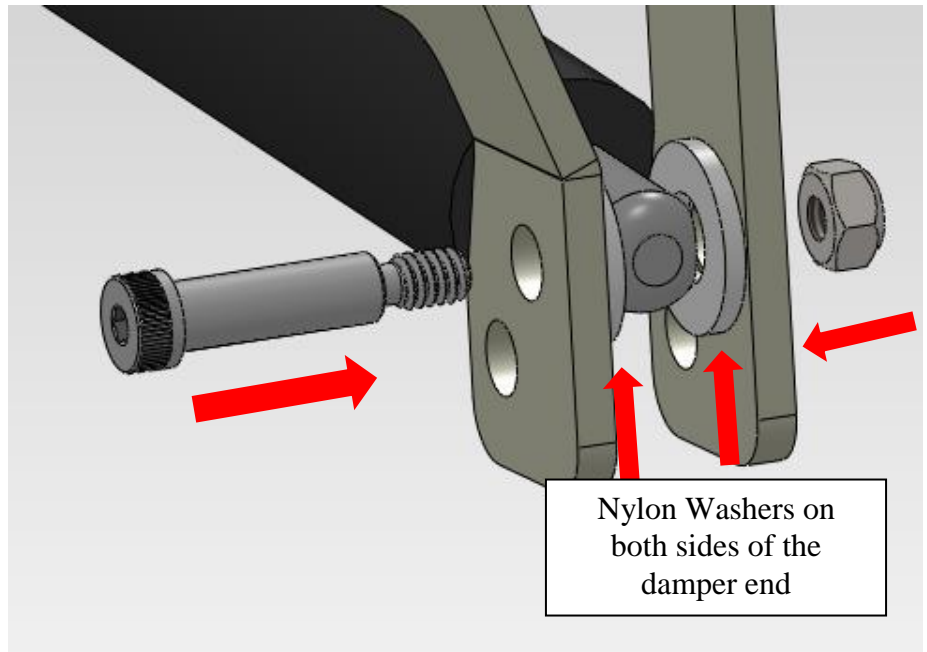


## INSTALLING THE DAMPER

- 1) Using the existing hardware, assemble the stationary end of the replacement damper to the bracket under the seat section.



The replacement damper must be assembled in the same hole as the damper being replaced. Failure to assemble in the correct hole could result in damage to the unit.

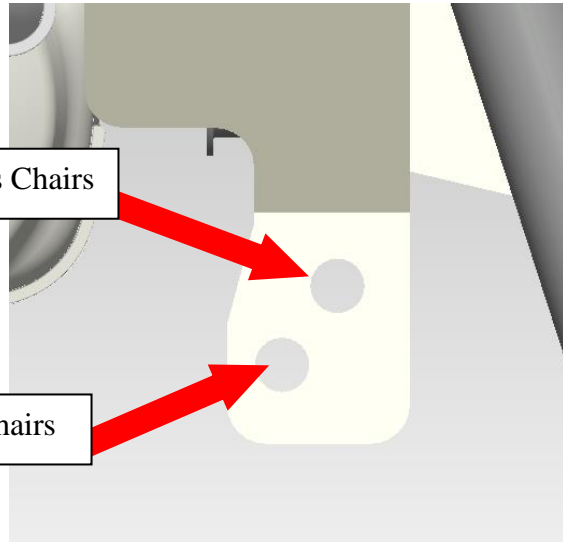


Reference:  
Non X-Series holes use the top hole.

X-Series chairs use the bottom hole

Non X-Series Chairs

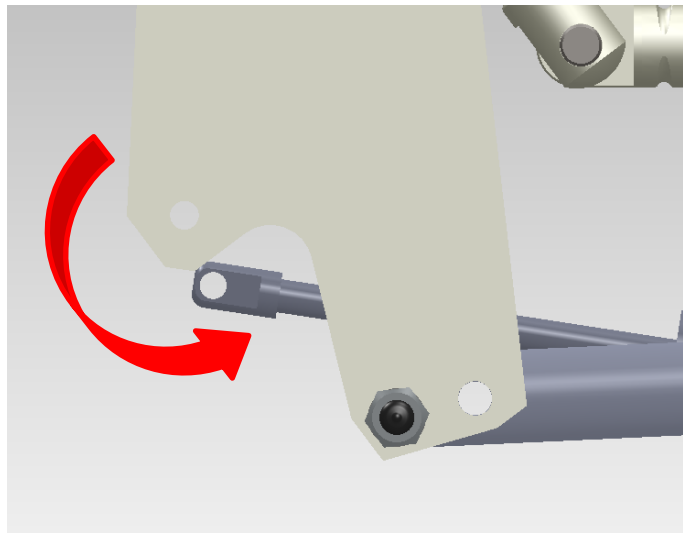
X-Series Chairs



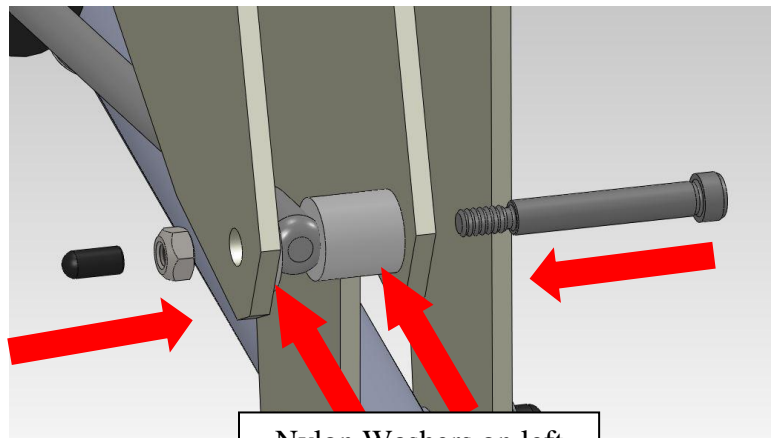
- 2) Using the pendant, move the back up or down to align the hole in the bracket with the hole in the damper.

**CAUTION**

Potential pinch hazard. Ensure fingers are clear of moving objects while aligning the holes in both devices.



- 3) Using existing hardware, assemble the dynamic end of the damper to the hole in the back section bracket.



Nylon Washers on left side of damper and Nylon spacer on right side of damper

4) Ensure all hardware is tightened securely.

5) Using the pendant, raise the back section to the upper most position. Then pull the emergency release handle and push down on the back section simultaneously. The back section should lower slowly with some resistance.

## CLEANING INSTRUCTIONS

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

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

\* 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.

## PREVENTIVE MAINTENANCE

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

COMPONENT	FREQUENCY	PROCEDURE	TOOL	COMMENT
Damper	Every three months	Inspect locking mechanism for leakage of fluids	-	Replace Damper as required
Damper	Every Three Months	Test Damper for proper functioning. Raise the back section to seated position. Pull the emergency release handle while pushing on the back section.		The back section should recline with resistance.